AMENDMENT OF SOLICITATION/MODIFICATION OF		OF CONTRACT	1. CONTRACT ID CO	DE PAGE OF PAGE	
2. AMENDMENT/MODIFICATION NO. 13. EFFECTIVE DATE		14. REQUISITION/PURCH	ASE REO. NO	, 1 4	
A276		See Block 16c	4. RECOIST HON/FUNCH	IASE REU, NO.	5. PROJECT NO. (IT applicate)
6. ISSUED BY	CODE	See Block foc	7. ADMINISTERED BY (	If other than Item 6)	CODE
U.S. Department of Energy	ſ			•	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
TJNAF Site Office					
12000 Jefferson Avenue					
Newport News, VA 23606					
B. NAME AND ADDRESS OF CONTRACTO	/H (No., street, cour	nty, State and ZIP Code)		(X) 9A. AMENDMEN	IT OF SOLICIATION NO.
Southeastern Universities Resear	mb Association I	na			
·	on Association, ii	iiG.		98. DATED (SEE	ITEM 11)
1200 New York Avenue, NW					•
Washington, D.C. 20005				10A. MODIFICA	TION OF CONTRACT/ORDER NO.
				DE-AC05-84E	R40150
•				X 10B. DATED (SE	E ITEM 11)
	<del></del>			1	
CODE		ILITY CODE  ONLY APPLIES TO	AMENIDMENTS OF	August 3, 198	4
	T. THIS ITEM	ONLY AFFLIES TO	AMENDINEN 19 OF	SOLICITATIONS	·
The above numbered solicitation is an	rended as set forth	in Item 14. The hour and d	late specified for receipt of	Offers is ext	tended. is not extended.
— Offers must acknowledge receipt of this ar					
a)By completing items 8 and 15, and retu			•	· •	each copy of the offer submitted;
or (c) By separate letter or telegram which PLACE DESIGNATED FOR THE RECEIPT O					
PLACE DESIGNATED FOR THE RECEIPT O your desire to change an offer already subj	F OFFERS PRIOR TO	O THE HOUR AND DATE S	PECIFIED MAY RESULT IN	REJECTION OF YOUR OF	FER. If by virtue of this amendment
mendment, and is received prior to the op	ening hour and date	e specified.			Sold to the Control of the Dist
2. ACCOUNTING AND APPROPIRATION	DATA (If required)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Increase of \$622,877					•
	THIS ITEM ON	ILY APPLIES TO MO	DIFICATION OF CO	NTRACTS/ORDER	28
		HE CONTRACT/ORE			
CHECK ONE A. THIS CHANGE ORDER	IS ISSUED PURSU	ANT TO: (Specify authority	) THE CHANGES SET FOR	TH IN ITEM 14 ARE MAD	DE IN THE CONTRACT ORDER
NO. IN ITEM 10A.		,	•		
B. THE ABOVE NUMBER	RED CONTRACT/OF	RDER IS MODIFIED TO REFI	LECT THE ADMINISTRATIV	/E CHANGES (such as ch	anges in paying office,
		TEM 14, PURSUANT TO T		3,103(b).	
C. THIS SUPPLEMENTAL	. AGREEMENT IS EI	NTERED INTO PURSUANT	TO AUTHORITY OF:		
D. OTHER (Specify type		••			•
X Increase In obligation	of funds in accord	dance with Clause 1.79 *	'Obligation of Funds."	·	
E. IMPORTANT: Contractor 🔀	is not, 🔲 i	s required to sign th	is document and ret	urn ——— co	pies to the issuing office.
4. DESCRIPTION OF AMENDMENT/MOD	FICATION (Organiz	ed by UCF section heading	s including solicitation/con	tract eublect matter who	re feedible )
		or by oor boomer recoming	s, moroding concitation/com	nact subject matter Miles	e reasinis.
		OFF FOLL	OWING BACES		·
		SEE FULL	OWING PAGES		
·					
•					
					•
				,	
Except as provided herein, all terms and co	onditions of the doc	ument referenced in Item 9	A or 10A, as heretofore ch	anged, remains unchange	ed and in full force and effect.
5A. NAME AND TITLE OF SIGNER (Type	or print)		16A. NAME AND TITLE O	F CONTRACTING OFFIC	ER (Type or print)
			James W. Skinner,Co	ontracting Officer	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF	AMERICA	16C. DATE SIGNE
			Alwer W.	Same	2/27/0
(Signature of person authorize	d to sign)		// (Signatu	re of Contracting Officer	1 42 10

Contract No. DE-AC05-84ER40150 Modification No. A276 Page 2 of 4

1. The amount under this contract is increased by \$622,877 from \$1,384,374,606.96 to \$1,384,997,483.96
As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	00.0	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	(10,000.00)	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	0.00	0.00	1,214,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
<b>3</b> T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
<b>3</b> T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
<b>3</b> T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
<b>3</b> T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
<b>3</b> T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
ЗТ	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
<b>3</b> T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T ·	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	. 0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00 47,000.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

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				Page 3 of 4
Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	. 0.00	494,000.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	632,877.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	* 0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	F\$1002300	0.00	0.00	15,626.00
WA	F\$1002400	0.00	130,000.00 310,817.00	440,000.00 879,817.00
WA	FS1005100	0.00	•	43,183.00
WA	FS1005500	0.00 0.00	(2,817.00) 80,000.00	243,000.00
WV	FS1009300	0.00	0.00	140,373.00
WV	F\$1001100	0.00	0.00	5,400.00
WV WV	FS1001500 FS1002400	0.00	0.00	81,000.00
WA	FS1002400 FS1009300	0.00	0.00	9,000.00
WA WA		0.00	0.00	644,310.00
WA WA	KA1401030 KA1502030	0.00	0.00	15,000.00
WA WA	KC0204018	0.00	0.00	11,943.00
WA WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
· WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
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Fund Type	B&R Code		Change	FY04	To Date
WA ·	KP1402010 (EQU)		0.00	0.00	439,400.00
WA	KS0101000		0.00	0.00	4,000.00
WA	KS0101000 (EQU)		0.00	0.00	6,861.00
WA	KT0101014		0.00	0.00	380,000.00
WA	KT0101017		0.00	0.00	412,000.00
WA	KT0101019		0.00	0.00	5,000.00
WA	KT0101025		0.00	0.00	9,702.00
WA	KT0201013		0.00	0.00	87,300.00
TF	KV0101012		0.00	0.00	280,000.00
TF	KV0101014	*	0.00	0.00	612,000.00
WA	KX0310211		0.00	0.00	5,000:00
YA	WB0100000		0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)		0.00	0.00	125,000.00
SA	YN1901000		0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	-	0.00	0.00	4,557,000.00
	TOTAL	\$	622,877.00	\$94,933,288.65	\$1,384,997,483.96

2. AMENDMENT/		AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			T 1. CONTRACT ID CODE PAGE OF P			OF PAGES
6. ISSUED BY	MODIFICATION NO.	13. EFF	ECTIVE DATE	14. REQUISITION/PURCH	ASE REQ. NO.	16. PROJ	ECT NO. (If a)	4 policble)
. ISSUED BY	A277		See Block 16c				,	
	CO			7. ADMINISTERED BY (I	f other than Item 6)	CODE	<u> </u>	
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TJNAF Site	•		_	İ				
	erson Avenue							•
	ews, VA 23606	,						
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Southeaste	m Universities Research Associ	iation, Inc.						
1200 New \	York Avenue, NW				90. DATED (S	SEE ITEM 11)		
Washingtor	n. D.C. 20005					·		
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ODE		FACILITY	CODE		August 3, 1	984		
	11, THIS			AMENDMENTS OF				
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NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification No. A277 Page 2 of 4

→ P&CD

1. The amount under this contract is increased by \$3,675,048.54 from \$1,384,997,483.96 to \$1,388,672,532.50 As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA.	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	110,000.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
.WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	. 0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
<b>3</b> T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
<b>3</b> T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
<b>3</b> T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003) 1700 -NAVY	3,565,048.54	3,565,048.54	3,565,048.54
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	
1Y	650102000 (AGRSURA2002S003)	0.00		11,478.00
1Ÿ	650102000 (AGRSURA2002S003)		0.00	199,042.00
TC		0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	C\$502000	0.00	0.00	145,500.00
TC	C\$502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600,00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	F\$1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
· WA	KA1502030	0.00	0.00	15,000.00
,WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA .	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
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Fund Type	B&R Code	Change	FY04	To Date
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
· WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	00.0	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
	TOTAL.	\$ 3,675,048.54	\$98,608,337.19	\$1,388,672,532.50

AMENDMENT OF SOLICITATION/MODIFICATION OF CO			OF CONTRACT			PAGE 1	OF PAGE
2, AMENDMEN	T/MODIFICATION NO. A278	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT	NO. (if app	olicble)
6. ISSUED BY	CODE		7. ADMINISTERED BY (IF	other than Item 6)	CODE		
U.S. Depa	artment of Energy					<u> </u>	
TJNAF Si	te Office	*	,				
•	ferson Avenue						
	News, VA 23606	<u>-</u> .					
	ADDRESS OF CONTRACTOR (No., street, co	ounty, State and ZIP Code)		(X) [9A. AMENDME	NT OF SOLICIA	ATION NO.	· · · · · · · · · · · · · · · · · · ·
			:				
Southeas	tern Universities Research Association	ı, Inc.					
1200 New	York Avenue, NW			9B. DATED (SE	E ITEM 11)		
Washingt	on, D.C. 20005			10A, MODIFICA	TION OF COL	TBACTION	DEB NO
			•	DE-AC05-84		ITMCI/ON	DEN NO.
				TOP DATED IS			
				X TOB. DATED (3			
CODE	F	ACILITY CODE		August 3, 19	84		
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	numbered solicitation is amended as set for		•		ctended,	is not ext	ended.
	knowledge receipt of this amendment prior t						
	g Items 8 and 15, and returning ite letter or telegram which includes a refere		b) By acknowledging receipt				
ACE DESIGN	ATED FOR THE RECEIPT OF OFFERS PRIOF	R TO THE HOUR AND DATE S	PECIFIED MAY RESULT IN E	EJECTION OF YOUR O	IFFFR If by vi	rtue of this	amendment
aur dadire to a	hanna en affer already eubmitted, euch abai						and this
mendment, an	d is received prior to the opening hour and	nge may be made by telegram date specified.	or letter, provided each tele	gram or letter makes re	eference to the	ROILGITATION	0110 VIII0
mendment, an	d is received prior to the opening hour and o	date specified.	or letter, provided each tele	gram or letter makes re	eference to the	BOILCITATION	
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1. The amount under this contract is increased by \$2,766,990.29 from \$1,388,672,532.50 to \$1,391,439,522.79

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	00.0	820,000.00
YA	KB0401052	0.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442,00
WA .	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
<b>3T</b>	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
<b>3</b> T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	2,766,990.29	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3Т	400403309(SURA2004W003)	0.00	3,565,048 <i>.</i> 54	3,565,048.54
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

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Fund Type	B&R Code	Change	FY04	To Date
2	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y 2Y	600305000 (OF AGR2000W002)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
1 Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR-2001-3002)	0.00	0.00	20,000.00
1 Y 1 Y	650102000 (AGR94-001)	0.00	0.00	203,651.00
1 Y 1 Y	·	0.00	0.00	28,469.00
1 Y 1 Y	650102000 (AGR980003) 650102000 (AGRS003)	0.00	0.00	2,500.00
1 Y 1 Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
		0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	29,544.00
1Y T0	650102000 (AGRSURA2003S002)		0.00	5,915.00
TC.	650102000 (OP AGR00-004)	0.00		
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,252,877.00	60,806,396.00 5,000.00
TF	AT5015033	0.00	0.00	•
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	F\$1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA <sup>*</sup>	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	15,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00

Received Time Apr.27. 1:33PM

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Fund Type	B&R Code	Change	FY04	To Date
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010 `	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
ŞA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
	TOTAL	\$ 2,766,990.29	\$101,375,327.48	\$1,391,439,522.79

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**☑** 003

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	F SOLICITATION/N	MODIFICATION (	JE CONTRACT		1 4
2. AMENDMENT/MODIFICAITO		B. EFFECTIVE DATE	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY	279 CODE	See Block 16c	7. ADMINISTERED BY (If	other than item 6)	CODE
U.S. Department of En	L		-	DESIGN CHEET TOOM OF	VODE
TJNAF Site Office	яду				
12000 Jefferson Avenu					
Newport News, VA 236 8. NAME AND ADDRESS OF C		by State and 7IP Code)		(X) 9A. AMENDMENT	FOF SOLICIATION NO.
	5(11), 510 (11), 5(10), 50mm	ty, State Bild Ell Code,		(X)	or socion non no.
Southeastern Universiti	es Research Association, In	ıc.			
1200 New York Avenue	, NW		,	9B. DATED (SEE	TEM 11)
Washington, D.C. 2000	05			i a la la companya da la companya d	ON OF CONTRACTION OF NO
					ION OF CONTRACT/ORDER NO.
•				DE-AC05-84EI	
				X TOB. DATED (SEE	
CODE	FACI	LITY CODE		August 3, 1984	•
	11. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
	tation la amended as set forth i				
Offers must acknowledge recei	pt of this amendment prior to th	e hour and date specified i	n the solicitation or as amer	nded, by one of the follow	ving methods:
(a)By completing items 8 and 1	~				ch copy of the offer submitted;
your desire to change an offer i	RECEIPT OF OFFERS PRIOR TO siready submitted, such change or to the opening hour and date	may be made by telegram	PECIFIED MAY RESULT IN F or letter, provided each tele	REJECTION OF YOUR OFF Ogram or letter makes refe	OGMENT TO BE RECEIVED AT THE FER. If by Virtue of this amendment prence to the solicitation and this
		apermou.			•
12. ACCOUNTING AND APPRO					·
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	IT MODIFIES TH	LT APPLIES TO MO IE CONTRACT/ORD	DIFICATION OF CO ER NO. AS DESCRI	NTRACTS/ORDER: BED IN ITEM 14.	5.
	NGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority	THE CHANGES SET FORT	H IN ITEM 14 ARE MADI	IN THE CONTRACT ORDER
NO. IN ITE	M 10A.		,		
	VE NUMBERED CONTRACT/ORI ion date, etc.) SET FORTH IN IT				nges in paying office,
	PLEMENTAL AGREEMENT IS EN			100(2)1	
,					
ļ · · · ·	pecify type of modification and a	authority)			
X Increase in	obligation of funds in accord	ance with Clause 1.79 "	Obligation of Funds."		
E. IMPORTANT: Contr	actor X is not, I is	required to sign thi	s document and retu	ırn ——— cor	pies to the issuing office.
14. DESCRIPTION OF AMENDA	MENT/MODIFICATION (Organize	d by UCF section headings	, Including solicitation/contr	ract subject matter where	feasible.)
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		SEE FOLLO	OWING PAGES		
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Except as provided herein, all to	erms and conditions of the docu	ment referenced in Item 94	or 10A, as heretofore cha	nged, remains unchanged	I and in full force and effect.
16A. NAME AND TITLE OF SIG	NER (Type or print)		16A. NAME AND TITLE OF	CONTRACTING OFFICE	R (Type or print)
15B. CONTRACTOR/OFFEROR		116C, DATE SIGNED	James W. Skinner, Con		I16C, DATE SIGNED
		TOO, DATE SIGNED	Janes W-	Junes	TOC. DATE SIGNED
(Signature of person	on authorized to sign)	-		e of Contracting Officer)	
				<del></del>	

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification No. A279 Page 2 of 4

1. The amount under this contract is increased by \$158,277 from \$1,391,439,522.79 to \$1,391,597,799.79

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
NΑ	KB0102012	0.00	20,106,000.00	113,541,059.00
VΑ	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
NA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
٧A	KB0181015	0.00	0.00	5,772,000.00
٧A	KB0181020	0.00	0.00	873,000.00
VΑ	KB0301020	0.00	1,714,000.00	10,066,702.00
٧A	KB0301020 (EQU)	0.00	0.00	820,000.00
/A	KB0401052	0.00	110,000.00	1,324,000.00
C	392100000	0.00	0.00	653,176.00
VA	39DP08170	0.00	0.00	967,442.00
VA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
٧A	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
ſΑ	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
ſΑ	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΛA.	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
BT .	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
ST .	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
JT.	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
BT .	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
Ť	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
ST.	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
BT	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
BT	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
ST	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
BT	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
BT	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
BT .	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
ST.	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
ST.	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
ST .	400403309(SURA2004W003)	0.00	3,565,048.54	3,565,048.54
Ϋ́	400403809 (AGR03N186-01)	0.00		
SY	400409900 (AGRSURA2001W002)	0.00	0.00	2,427.18
2Y	400409900 (AGRSDRA2001W002) 400412000 (AGRY1OR133700)		0.00	19,417.00
2Y	600301010 (AGR-10R133700)	0.00	0.00	42,456.31
2 T 2 Y	600301010 (AGR-2001-VV003) 600301010 (OP AGR98003105)	0.00 0.00	0.00	956.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00 0.00	200,000.00
2 Y 2 Y	60030500 (AGR2002W005M)	0.00		87,421.00
۲ ا	0000000 (AGAZUUZYVUODIVI)	0.00	0.00	17,000.00

Contract No. DE-AC05-84ER40150 Modification No. A279 Page 3 of 4

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OF AGR2000W002)	0.00	0.00	40,556.00 8,148.00
1Y	600305000 (OF AGR2000W003)	0.00	0.00	494,000.00
2Y	600306000 (OF AGR99W001) 600306000 (AGRSURA-2004W0000)			
1Y	,	48,277.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002) 650102000 (AGR94-001)	0.00	0.00	6,796.00
1Y		0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1 Y 1 Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	C\$502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA ——	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	20,000.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	90,000.00	90,000.00	90,000.00
WA	KC0204018	0.00	0,00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
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Received Time May. 5. 2:10PM

Contract No. DE-AC05-84ER40150 Modification No. A279 Page 4 of 4

Fund Type	B&R Code	Change	FY04	To Date
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA .	K\$0101000 (EQU)	0.00	0.00	•
WA .	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00		5,000.00
WA	KT0201013		0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF	KV0101012 KV0101014	0.00	0.00	280,000.00
WA	KX0310211	0.00	0.00	612,000.00
		0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
	TOTAL	\$ 158,277.00	\$101,533,604.48	\$1,391,597,799.79

AMEN	DMENT OF SOLICITATION	N/MODIFICATION (	OF CONTRACT	1. CONTRACT ID CO	DE	PAGE	OF PAGES
. AMENDMEN	T/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	ISE REQ. NO.	S. PROJEC	T NO. III a	oplicble)
6. ISSUED BY	M280 CODE	See Block 15c	7. ADMINISTERED BY (II	other than Item 6\	COD€		
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•	adment of Energy						
TJNAF Si	•			•	•		
	ferson Avenue						
•	News, VA 23606 ADDRESS OF CONTRACTOR (No., street, o	770		<u> </u>			
NAME AND	ADDRESS OF CONTRACTOR (No., street, a	county, State and ZIP Code)		(X) JA. AMENDMEN	IT OF SOLIC	on noitai	
Southeas	tern Universities Research Association	n Inc					
	York Avenue, NW			98. DATED (SEE	(TEM 11)		
Suite 430		•					
	on, D.C. 20005			10A. MODIFICA	TION OF CO	NTRACT/O	RDER NO.
	31, 5.0. 2000			DE-AC05-84E			
		•	,	X 108. DATED ISE	E IIEM 11)		
CODE		FACILITY CODE		A. w	14		
		EM ONLY APPLIES TO	AMENDMENTS OF	August 3, 198	<u></u>		
7	numbered solicitation is amended as set fo				tended.	77	
. ACCOUNT	NG AND APPROPIRATION DATA (If requir	ed)		•			
	N/A						
•	13. THIS ITEM IT MODIFIES	ONLY APPLIES TO MO THE CONTRACT/ORD	DIFICATION OF CO DER NO. AS DESCRI	NTRACTS/ORDER BED IN ITEM 14.	3\$.		
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	RSUANT TO: (Specify authority	THE CHANGES SET FORT	H IN ITEM 14 ARE MA	DE IN THE C	ONTRACT	ORDER
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH				hanges in pay	ying office,	
×	Clause 4:29 CAMENT SUARTEMENT	AL TOFFICE LEXA ENSEANT.	TO AUTHORITY DEAR 970	),5204-13 entitled "A	LLOWABLE	COSTS	ANO FIXED
	D. OTHER (Specify type of modification	and authority)					
. IMPORT	ANT: Contractor is not,	x is required to sign th	is document and reti	urn2 c	opies to t	he issuir	ng office.
4. DESCRIPT	ON OF AMENOMENT/MODIFICATION (OR	ganized by UCF section heading	s, including solicitation/cons	ract subject matter who	ere feasible.}		
		<b>*</b>	•				
•							
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_	and the same of					u 4	
	ided herein, all terms and conditions of the ND TITLE OF SIGNER (Type or print)	document referenced in Item 9	A or 10A, as heretofore ch.				effect.
200-		75. 170	See the see that the see of the see	- John Minor Min Week		j	
12412 B	M. BJONGRUD, C	TO - 1/dasure	James W. Skinner, Co	ontracting Officer			
. GONTAA	GTOPVOFFEROR D	15C. DAJE SIGNED	168 ONITED STATES OF	AMPRICA		160	, DATE SIGN
1/W	a M Straw	- Jailov	Janer W.	James		<	5/21/0
/ (S	ignature of person authorized to sign)		(Signatu	re of Contracting Office	r)		, ,,,

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 GFR) 53,243

- 1. The purpose of this modification is to:
  - a Revise Clause H.29 entitled "SURA CENTRAL OFFICE EXPENSES" in its entirety and incorporate the Actual Central Office Expenses Cap for FY03 and the Estimated Central Office Expenses Cap for FY04. Clause H.29 is revised as follows:
    - "The allowable costs reimbursed under Clause I.78 "Allowable Cost and Fixed Fee" of this contract shall include cost incurred by the SURA Central Office and shall be determined as follows:
    - Reimbursement of SURA's Residual Central Office Expenses (COE) shall be based upon the principles contained in OMB Circular A-122. SURA shall prepare and submit a detailed cost proposal for the Department of Energy's Contracting Officer review. SURA will certify that the cost proposal contains no unallowable costs. The proposal will be submitted no later than 60 days prior to the beginning of each year of the contract and will identify the estimated allocable portion of SURA's COE and the contractor's voluntary reduction of costs. The amount of COE allocated in accordance with SURA's Disclosure Statement, effective October 1, 2002, that is in excess of 51.54% of SURA's COE before membership credits calculated in the manner set forth in SURA's April 30, 2004 revised Cost Impact Analysis, shall be treated by SURA as a voluntary reduction of cost for the purpose of the proposal and the report discussed below. After review of the detailed proposal, the Parties shall negotiate a pre-determined fixed amount for that year's COE (Estimated COE Cap). Within 120 days after the end of each year of the contract, SURA shall submit for review a report identifying the actual allowable incurred costs and the Actual COE Cap to the Department of Energy in such form and detail as required by the Contracting Officer. The Actual COE Cap shall be 51.54% of SURA's actual COE before membership credits calculated in the manner set forth in SURA's April 30, 2004 revised Cost Impact Analysis. Any difference between the Estimated COE Cap and Actual COE Cap will be used to adjust the next year's or in the case of the last year of the contract, the final year's Estimated COE Cap. SURA's allowable costs for COE shall be paid to the Contractor in equal monthly installments, at the end of each month. The Estimated COE Cap will be subject to appropriate adjustment if the contract is terminated pursuant to Clause L100 "Termination."
    - (2) Any cost questioned as a result of subsequent DOE audits related to FY03 and forward, other than reductions for expressly unallowable costs, will be offset first by the contractor's voluntary reduction of costs. SURA agrees to reduce the report of actual allowable incurred costs and the Actual COE Cap by its allocable share of expressly unallowable costs if any. The parties agree that the same reimbursement methodology will apply in FY05 as documented in SURA's April 30, 2004 revised Cost Impact Analysis once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004.

(3) A schedule of the Central Office Expenses is as follows:

Fiscal Year	Estimated <u>COE</u>	Actual <u>COE</u>
11/01/1999 – 9/30/2000	\$1,515,834	\$1,415,979
10/01/2000 9/30/2001	\$1,653,637	\$1,728,427
10/01/2001 - 9/30/2002	\$1,745,000	\$1,686,982
	Estimated	Actual
Fiscal Year	COE Cap	COE CAP
10/01/2002 - 9/30/2003	\$1,083,333	\$1,067,703
10/01/2003 - 9/30/2004	\$1,333,642*	TBD

<sup>\*</sup> The Estimated COE Cap payable to SURA is \$298,491 which is net of credits to DOE as annotated in paragraph 4 below.

- **(4)** The Office of the Inspector General Audit Report No. OAS-FC-0402 dated October 14, 2003 covered SURA's claimed costs for FY00 through FY02. Based on the IG audit, the IG questioned unallowable expenses of \$1,533,866 related to SURA's COE to be administratively resolved by DOE. As agreed to in the April 21-23, 2004 meeting and as documented in this contract modification, the parties have determined that \$514,345 is considered allowable costs and \$1,019,521 is considered unallowable costs. In accordance with Clause I.47A (FAR 52.242-3(g)) and FAR 42.709-5(c), the Contracting Officer has determined that penalties for unallowable cost associated with the \$1,019,521 are waived. Furthermore the parties agree that the unallowable costs of \$1,019,521 shall be used as a credit towards the FY04 Central Office Expenses payable to SURA under this contract. Therefore, the estimated COE Cap payable to SURA in FY04 is \$298,491 based on the credit of \$1,019,521 related to the FY00-02 IG Audit and the \$15,630 for the adjustment related to the excess FY03 Estimated COE Cap over the FY03 Actual COE Cap. SURA agrees to bill the \$298,491 in accordance with their May 17, 2004 letter entitled "Fiscal Year (FY) 2004 Central Office Expense Proposal" and any deviation from that plan will require Contracting Officer approval."
- b. Incorporate the fixed fee payable to the Contractor for FY04 under Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)." The first section of paragraph (b) of Clause I.78 is revised as follows:
  - "(b) <u>Fixed-Fee</u>. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:
    - (1) From November 1, 1999 through September 30, 2000 \$341,917

Modification No. M280 Page 4 of 4

- (2) From October 1, 2000 through September 30, 2001 \$373,000
- (3) From October 1, 2001 through September 30, 2002 -\$373,000
- (4) From October 1, 2002 through September 30, 2003 \$390,000
- (5) From October 1, 2003 through September 30, 2004 \$535,000

The parties agree that the FY04 fixed fee of \$535,000 will remain the same in FY05 once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

c. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION	I/MODIFICATION	OF CONTRACT	1. CONTRACT ID CO	DE PAGE OF PAG
2. AMENDMENT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT NO. (If applicable)
A281	See Block 16C.	<u></u>		<u> </u>
3. ISSUED BY CODE		7. ADMINISTERED BY (II	other than Item 6)	CODE
U.S. Department of Energy		İ		
TJNAF Site Office				
12000 Jefferson Avenue				'
Newport News, VA 23606		· ·		
3. NAME AND ADDRESS OF CONTRACTOR (No., street, c	ounty, State and ZIP Code)		(X) 9A. AMENDMEN	IT OF SOLICIATION NO.
				•
Southeastern Universities Research Association	ı, Inc.		AD DATES (SEE	OTPO AND
1201 New York Avenue, NW			9B. DATED (SEE	(#IEM 11)
Suite 430	•		10A, MODIFICA	TION OF CONTRACT/ORDER NO.
Washington, D.C. 20005			DE-AC05-84E	•
			X 10B. DATED (SE	
		<u>.</u> ·	] ^	
	ACILITY CODE		August 3, 198	4
11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
our desire to change an offer already submitted, such cha mendment, and is received prior to the opening hour and	inge may be made by telegram date specified.	or letter, provided each tel	sgram or rottor managers	seletion to the solicitation and mis
amendment, and is received prior to the opening hour and  2. ACCOUNTING AND APPROPIRATION DATA (If require  Decrease of \$1,461,740	date specified.			
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1. The amount under this contract is decreased by \$1,461,740 from \$1,391,597,799.79 to \$1,390,136,059.79

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

•		•	•	
Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(1,600,000.00)	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA .	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	(600,000.00)	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	0.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
Ϋ́A	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
Ϋ́A	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (ACCOMACCOVIDED)	0.00	0.00	11,744,355.00
3T	400403309 (OF AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OF AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	3,565,048.54	3,565,048.54
31 3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y 2Y	600301010 (AGR-10R133700)	0.00	0.00	956.00
	600301010 (AGR-2001-W003) 600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y 2Y	600301010 (OF AGR98003103) 600301020 (AGRSURA2003W003)	86,000.00	86,000.00	86,000.00
<b>4</b> 1	UUUUU TUZU (MOINGEUUUN NUUU)	33,300.00	00,000	,000,00

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→ P&CD

22/				To Date
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0,00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGR\$URA2003\$002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	13,260.00	13,260.00	13,260.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
		0.00	0.00	5,937,076.00
TC	820201000 (OP TSKER401501111J CR40)	639,000.00	3,891,877.00	61,445,396.00
WA	820201000 (OP TSKER40150TJAAA CR40)		0.00	5,000.00
TF	AT5015033	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	
FG	CS502000	0.00		145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00 0.00
YA	EB550000	0.00	(443,600.00)	
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA <sup>-</sup>	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	.0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00

Contract No. DE-AC05-84ER40150 Modification No. A281 Page 4 of 4

Fund Type	B&R Code	Change	FY04	To Date
WA	KL0101000 (SULI)	0.00		
WA	KL0103000 (PST)	0.00	90,000.00	722,350.00
TF	KL0201000 (LSTPD)	0.00	40,000.00	40,000.00
WA	KP1104010	0.00	131,000.00	131,000.00
WA	KP1401030	0.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	775,000.00	2,242,000.00
WA	KP1402010	0.00	0.00	865,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	:	0.00	0.00	4,000.00
WA	KS0101000 (EQU) KT0101014	0.00	0.00	6,861.00
WA		0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
				1,007,000,00
	TOTAL	\$ (1,461,740.00)	\$100,071,864.48	\$1,390,136,059.79

AMENDMENT OF SOLICITATION	/MODIFICATION	OF CONTRACT	1. CONTRACT ID CO	DE	PAGE	OF PAG
2. AMENDMENT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REO. NO	5. PROJECT	1 1	2
M282	See Block 16C.	4. HEQUITION THEN	43E IEG. NO.	3.11103201	r 140. In at	hucnet
6. ISSUED BY CODE	· ·	7. ADMINISTERED BY (II	other than Item 6)	CODE	T	
U.S. Department of Energy	(	· ·			<u> </u>	<del></del>
TJNAF Site Office			•			
12000 Jefferson Avenue						
Newport News, VA 23606				*		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	unty. State and ZIP Code)		(X) 9A. AMENDMEN	LOE SOLICIA	ON NOITA	
	and the code		(X)		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Southeastern Universities Research Associa	tion. Inc.					
1201 New York Avenue, NW			98. DATED (SEE	ITEM 11)		
Suite 430						
Washington, D.C. 20005			10A. MODIFICAT	TON OF CON	TRACT/OF	PDER NO.
Washington, D.O. 20003			DE-AC05-84E			
	•		X 10B. DATED (SE	: ((EW 11)		
CODE	CILITY CODE		- August 2 400	1		
	M ONLY APPLIES TO	AMENDMENTS OF	August 3, 1984	<u> </u>		<del></del>
			r i		<del></del>	<del></del>
The above numbered solicitation is amended as set forth					is not ex	tended.
Offers must acknowledge receipt of this amendment prior to						
	copies of the amendment; (					
or (c) By separate letter or telegram which includes a referen PLACE DESIGNATED FOR THE RECEPT OF OFFERS PRIOR	ice to the solicitation and am TO THE HOUR AND DATES	endment numbers. FAILURE	OF YOUR ACKNOWLED	OGMENT TO	BE RECEIV	ED AT THE
your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and de	je may be made by telegram	or letter, provided each tele	gram or letter makes refe	erence to the	solicitation	and this
and the state of t						
12. ACCOUNTING AND APPROPIRATION DATA (If required						
N/A	,					
	NLY APPLIES TO MOTHE CONTRACT/ORD			S.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURS				E IN THE CO	TDACT O	enen
NO. IN ITEM 10A.	contract to labority additions	II THE OHMINGES SET FORTH	TIN HEW 14 ANE MAD	E NA TIME COL	VIINCI U	nuch
B. THE ABOVE NUMBERED CONTRACT/O	PROFES IS MODIFIED TO REF	FCT THE ADMINISTRATIVE	CHANGES (such as che	nges in navir	na office	· · · · · · · · · · · · · · · · · · ·
appropriation date, etc.) SET FORTH IN				ngou in paya	ig omoo,	
C. THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	TO AUTHORITY OF:			····	
X Clause I.110 DEAR 970.5204-78 Law		Directives (June 1997)				
O. OTHER (Specify type of modification an	d authority)					
	·				····	···
E. IMPORTANT: Contractor I is not, X	is required to sign th	is document and retu	rn col	oies to the	e issuinç	office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organ	ized by UCF section heading	s. including solicitation/contr	act subject matter where	feasible.)		
					•	
·	SEE FOLLOWIN	NO PACES				
••	SECT OCCOVI	10 PAGES				
•						
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			•			
Except as provided herein, all terms and conditions of the do	cument referenced in Item 9					ffect.
15A. NAME AND TITLE OF SIGNER (Type of print)	_/ 1 ./	16A. NAME AND TITLE OF	CONTRACTING OFFICE	R (Type or pr	rint)	
1/1. St. CFO	8/18/64					
wer 40/ name	1100 00/00000	James W. Skinner, Cor			14	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	100 UNITED STATES OF	MEHICA			DATE SIGNI
(Cignatury As margan authorized to alum)		Janes VV	of Contracting Officer)		-18/1	8/01
(Signature of person authorized to sign)		(Signature	or Contracting Officer)		1,-1	~1

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification No. M282 Page 2 of 2

- 1. The purpose of this modification is to
  - a. Add the following DOE Orders/Requirements to List B of Appendix E of subject contract:
    - I. Specific Requirements of the Directive Applicable to the Jefferson Lab Contract:
      - □ DOE Order 430.1B, Real Property Asset Management
        - Applicable Attachment:
          - Attachment 2 entitled "CONTRACTOR REQUIREMENTS DOCUMENT"
- 2. All other terms and conditions remain the same.

AMENDMENT OF SOLICITATI	ON/MODIFICATION C	F CONTRACT	1, CONTRAC	T ID CODE		PAGE 1	OF PAGES
2. AMENDMENT/MODIFICAITON NO. A283	3. EFFECTIVE DATE See Block 16C.	4. REQUISITION/PURCHAS	E REQ. NO.	F	. PROJECT	NO. (If app	ilicble)
6. ISSUED BY COL	DE	7. ADMINISTERED BY (If o	ther than Item	6) (	CODE		
U.S. Department of Energy		7					
TJNAF Site Office			*				
12000 Jefferson Avenue							
Newport News, VA 23606				•			
3. NAME AND ADDRESS OF CONTRACTOR (No., street	et, county, State and ZIP Code)	1	X) 9A. AME	NOMENT	OF SOLICIA	TION NO.	
	•						
Southeastern Universities Research Associa	ation, Inc.				=		
1201 New York Avenue, NW	•		98. DAT	ed (see It	EM 11)		
Suite 430	•	-	10A. MC	DIFICATION	N OF CON	TRACT/OR	DER NO.
Washington, D.C. 20005	•			05-84ER			
				TED (SEE			
•			`				
CODE	FACILITY CODE			3, 1984	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
11. THIS	ITEM ONLY APPLIES TO	AMENDMENTS OF S	ULICITATI	UNS			
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Contract No. DE-AC05-84ER40150 Modification No. A283 Page 2 of 4

1. The amount under this contract is increased by \$5,783,609.78 from \$1,390,136,059.79 to \$1,395,919,669.57 As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	1,650,000.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	1,400,000.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA .	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	158,000.00	158,000.00	158,000.00
WA	KB0401052	0.00	110,000.00	1,324,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442,00
WA .	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
ΥA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
·YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
ЭТ	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
<b>3</b> T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	2,378,640.78	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (ACR2002W0002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OF AGR2000W003)	0.00	0.00	494,000.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
"1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y		0.00	0.00	203,651.00
	650102000 (AGR94-002)	0.00	0.00	28,469.00
1Y	650102000 (AGR980003)			72.00
1Y	650102000 (AGR\$003) - 363(	(2,428.00)	(2,428.00)	10,875.00
1Y	030 102000 (AGROURAZ0020002)	(603.00)	(603.00)	•
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00 13,260.00
1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00 599,853.00
TC	820101000 (OP)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	· ·
TC	820201000 (OP TSKER401501111J CR40)	0.00		5,937,076.00 61,445,396.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,891,877.00	
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA .	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
· WA	FS1005500	0.00	(2,817.00)	43,183.00
WA	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
wv	FS1002400	0.00	0.00	81,000.00
wv	FS1009300	0.00	0.00	9,000.00
WA "	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA WA	KA1502030 (FOU FOU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
	KG0801000	200,000.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA WA	KJ0107030 KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	תשטוטבטטט (בינגט)			ř

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Fund Typ	De B&R Code	Change	FY04	To Date
WA	KJ0200000			TO Date
4V	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	90,000.00	722,350.00
WA	KL0201000 (LSTPD)	0.00	40,000.00	40,000.00
TF	KP1104010	0.00	131,000.00	131,000.00
WA	KP1401030	0.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	775,000.00	2,242,000.00
WA	KP1402010	0.00	0.00	865,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
WA	KT0201013	0.00	0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF	KV0101012 KV0101014	0.00	0.00	280,000.00
WA	KX0310211	0.00	0.00	612,000.00
YA	WB0100000	0.00	00,00	5,000.00
SA		0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001) YN1901000	0.00	0.00	125,000.00
SA		0.00	0.00	98,652.00
<b>5</b> A	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
	TOTAL	\$ 5,783,609.78	\$105,855,474.26	\$1.395.919.669.57

	I/MODIFICATION (	OF CONTRACT	1. CONTRACT ID CO	, :	PAGE 1	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT	NO. (If ap	plicble)
A284	See Block 16C.	,		<u> </u>	<del></del>	
S. ISSUED BY CODE	L	7. ADMINISTERED BY (II	other than Item 6)	CODE	<u> </u>	
U.S. Department of Energy				•		
TJNAF Site Office						
12000 Jefferson Avenue			•			
Newport News, VA 23606  NAME AND ADDRESS OF CONTRACTOR INc., street, c	number State and ZID Cords)	<u> </u>	(X) 9A. AMENDMEN	IT OF SOLICIA	TION NO	
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Southeastern Universities Research Association	ı, Inc.		·			
1201 New York Avenue, NW			9B. DATED (SEE	ITEM 11)		
Suite 430			10A, MODIFICA	TION OF CON	TRACT/OF	RDER NO.
Washington, D.C. 20005			DE-AC05-84			
			X 10B. DATED (SI	E ITEM 11)		<del></del>
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PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIO your desire to change an offer already submitted, such cha- mendment, and is received prior to the opening hour and	date specified.				: <del>-</del>	
12. ACCOUNTING AND APPROPIRATION DATA (If requir	ed)		· · · · · · · · · · · · · · · · · · ·			
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Contract No. DE-AC05-84ER40150 Modification No. A284 Page 2 of 4

1. The amount under this contract is increased by \$7,861,747.58 from \$1,395,919,669.57 to \$1,403,781,417.15 As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA -	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA .	manuscript (MAC (math)) of (facts mind (man	178 man transport of the Company of	593,000.00	593,000.00
54.K	#\$50301052 (EQU)	130,000,00	130,000.00	130,000.00
WA	KB0401052	0.00	110,000.00	1,324,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	2010 (PRIMEL001033)	*5.105.000.00	9,019,000.00	9,955,000.00
YA	3.1.12.6.11000000000000000000000000000000	0.00	0.00	988,085.00
	39WB00000 (IHE50000A001)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A002)	° 0.00	0.00	80,100.00
YA	39WB00000 (IHE500000A003)		0.00	4,308,737.86
3T	400403109 (2001-W004/2002W003)	0.00 0.00	0.00	1,708,737.86
3T	400403109 (AGRSURA02W003)		0.00	4,441,792.23
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	392,979.61
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171B)	0.00 0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171E)		0.00	4,270,388.34
3T	400403309 (AGRN00014-01-F0171G)	0.00		526,213.59
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	•
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
<b>3T</b>	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T 🗼	400403309 (AGRN00014-04-F-0171N)	14 g 070367879×	970,873.79	970,873.79
3T	, 400400009 (AGRN00014-04-F-01/1P)	*, 970 879 AB	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
<b>3</b> T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		$S_{ij}^{(k)} = S_{ij}^{(k)} + \cdots + S_{ij}^{(k)} = 0$	ing and the second of the seco	t Barker og det blever i state blever og det blever i state blever i state blever i state blever i state bleve Barker og forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk forsk

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Fund Type	B&R Code	Change	FY04	To Date
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (AGR2002VV003M) 600305000 (OP AGR2000W002)	0.00	0.00	,
2Y	600305000 (OF AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OF AGR2000W003)	0.00	0.00	8,148.00
2Y	600306000 (CF AGR99W001) 600306000 (AGRSURA-2004W0000)	0.00	48,277.00	494,000.00 48,277.00
1Y	,	0.00	•	
1Y	650102000 (AGR-2001-S002)		0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
11 1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
17 1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y 1Y	650102000 (AGR\$003)	0.00	(2,428.00)	72.00
1Y 1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y .	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y 1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	\$2020 000 (OP TSKER40150TJAAA CR40)	** <b>259;000:00</b> ;	4,141,877.00	61,695,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WA	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	. 0.00	155,000.00

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				•
Fund Type	B&R Code	Change	FY04	To Date
WA	KJ0102000	0.00	0.00	4 204 240 00
WA	KJ0102000 (EQU)	0.00	0.00	1,204,346.00
WA	KJ0200000	0.00	0.00	44,745.00
, <b>4</b> V	KL0101000	0.00		534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	90,000.00	722,350.00
WA	KL0201000 (LSTPD)	0.00	40,000.00	40,000.00
TF	KP1104010		131,000.00	131,000.00
WA	KP1401030	0.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	775,000.00	2,242,000.00
WA	KP1402010	0.00	0.00	865,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
WA	KT0201013	0.00	0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF		0.00	0.00	280,000.00
WA	KV0101014	0.00	0.00	612,000.00
YA	KX0310211	0.00	0.00	5,000.00
SA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
JA.	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
	TOTAL	\$ 7,861,747.58	\$113,717,221.84	\$1,403,781,417.15

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AMENDMENT OF SOLICITATI	ON/MODIFICATION	OF CONTRACT	1. CONTRACT ID CO	DDE	PAGE O	F PAGI
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT	NO. (If applic	
A285	See Block 16C.					
. ISSUED BY COI	DE	7. ADMINISTERED BY (If	other than Item 6)	CODE		
U.S. Department of Energy						
TJNAF Site Office						
12000 Jefferson Avenue						
Newport News, VA 23606			•			
NAME AND ADDRESS OF CONTRACTOR (No., stre	et, county, State and ZIP Code)		(X) 9A. AMENDME	NT OF SOLICIA	TION NO.	
Southeastern Universities Research Associa	tion, Inc.		98. DATED (SEE	TEM 11)		
1201 New York Avenue, NW			B. DATED (SEE	. (( <u>C</u> ( ) )		
Suite 430		-	10A, MODIFICA	TION OF CONT	FRACT/ORDE	R NO.
Washington, D.C. 20005		ļ	DE-AC05-84E	R40150		
			X TOB. DATED (SE	E ITEM 11)		
			-			
0E	FACILITY CODE	O AMENDMENTS OF S	August 3, 198	4		
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT	copies of the amendment; interence to the solicitation and a RIOR TO THE HOUR AND DATE change may be made by telegra nd date specified.  Ulred)  MONLY APPLIES TO M ES THE CONTRACT/OF PURSUANT TO: (Specify authori CT/ORDER IS MODIFIED TO RE THIN ITEM 14, PURSUANT TO T IS ENTERED INTO PURSUANT on and authority)	(b) By acknowledging receipt of imendment numbers. FAILURE SPECIFIED MAY RESULT IN RES	f this amendment on e DF YOUR ACKNOWLE DECTION OF YOUR OF TAM OF letter makes ref TRACTS/ORDER ED IN ITEM 14. IN ITEM 14 ARE MAD CHANGES (such as che	ach copy of the DGMENT TO B FER. If by virt- ference to the s	E RECEIVED A ue of this ame officitation and	AT THE endmen d this
X Increase in obligation of funds in a	accordance with Clause I.79	"Obligation of Funds."				
MPORTANT: Contractor X is not,	is required to sign t	his document and return	1 CO	pies to the	issuing of	fice.
DESCRIPTION OF AMENDMENT/MODIFICATION (O	rganized by UCF section headin	gs, including solicitation/contrac	t subject matter where	e feasible.)		PP
						•
	SEE FOLI	LOWING PAGES				
					•	
pt as provided herein, all terms and conditions of th	e document referenced in Item S					
. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF C	ONTRACTING OFFICE	R (Type or print	:)	
					*	
CONTRACTOR/OFFEROR	15C. DATE SIGNED	James W. Skinner, Contr.			16C. DATE	SIGNET
	TOO. DATE SIGNED	11/1	7444 D		1 ,	
(Signature of person authorized to sign)		18 ignatura	f Contracting Officer		8/10	lov

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1. The amount under this contract is increased by \$730,503.63 from \$1,403,781,417.15 to \$1,404,511,920.78

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	130,000.00
WA	KB0401052	0.00	110,000.00	1,324,000.00
ΥA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	9,019,000.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
<b>3</b> T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	169,708.74	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	485,436.89	485,436.89	485,436.89
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

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Fund Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600305000 (AGR2004W002/W)	75,358.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OF TSKER4015011111J CR40)	0.00	0.00	5,937,076.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	4,141,877.00	61,695,396.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
		0.00	44,000.00	174,000.00
WA WA	FS1001500 FS1002300	0.00	0.00	15,626.00
WA	FS1002300 FS1002400	0.00	130,000.00	440,000.00
WA	FS1002400 FS1005100	0.00	310,817.00	879,817.00
WA	FS1005100 FS1005500	0.00	(2,817.00)	43,183.00
		0.00	80,000.00	243,000.00
WA WV	FS1009300	0.00	0.00	140,373.00
	F\$1001100		0.00	5,400.00
WV	FS1001500	0.00		
WV	FS1002400	0.00	0.00 0.00	81,000.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00		644,310.00 35,000.00
WA	KA1502030	0.00	20,000.00	35,000.00

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Fund Type	B&R Code	Change	FY04	To Date
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	'KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	. 0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
	TOTAL	\$ 730,503.63	\$114,447,725.47	\$1,404,511,920.78

DOE/TJNAF SITE OFC DOE/TJNAF SITE OFC

→ P&CD/ACQUISITION → SURA

② 003 ② 002/003

AME	NDMENT OF SOLICITATION	I/MODIFICATION	OF CONTRACT	1			PAGE OF PAGES
	ENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURG	HASE R	EQ. NO.	5. PROJECT	NO. (if applicate)
	M286	See Block 16C					
6. ISSUED BY	CODE		7. ADMINISTERED BY	(If other	than Item 6)	CODE	
U.S. Depart	tment of Energy	,	, .				
TJNAF Site	Office				٠.	•	
12000 Jeffe	erson Avenue	•			•		
Newport Ne	ews, VA 23606						
	D ADDRESS OF CONTRACTOR (No., street, or			(X)	9A. AMENDMEN	T OF SOLICIA	TION NO.
Southeaste	rn Universities Research Association, Inc	Σ,			1		
1201 New Y	York Avenue, NW			1			
Suite 430				ł	98. DATED (SEE	(TEM 11)	
Washington	n, D.C. 20005			·	104 MODIFICA	TION OF CON	TRACT/ORDER NO.
		·		1	DE-AC05-84E		THO TO HOEN NO.
				x	10B. DATED (SE		,
		·		^		•	
CODE		ACILITY CODE			August 3, 198	4	
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	FSOL	CITATIONS		
The abov	e numbered solicitation is amended as set fort	th in Item 14. The hour and	date specified for receipt o	f Offers	le ext	ended,	is not extended.
	oknowledge receipt of this amendment prior to						
	ting Items 8 and 15, and returning	_copies of the amendment; (					
or (c) By sepa	rate letter or telegram which includes a referen NATED FOR THE RECEIPT OF OFFERS PRIOR	nce to the solicitation and an	endment numbers. FAILU	RE OF Y	OUR ACKNOWLE	DOMENT TO	BE RECEIVED AT THE
LAGI GOOMA TO	i Chanda an Char bhada submitten, such chan	IOR MAV DA MACA DV TAIAGRAD	PECIFIED MAY RESULT IN 1 or letter, provided each t	i REJEC elegram	NON OF YOUR OF or letter makes ref	FER. If by vir erence to the	tue of this amendment solicitation and this
emenament, e	and is received prior to the opening hour, and d	ate specified.	A .	•			
12. ACCOUN	TING AND APPROPIRATION DATA (If required	1)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
N/A							,
	13: THIS ITEM O	NLY APPLIES TO MOTHE CONTRACT/OR	DDIFICATION OF CODER NO. AS DESCR	ONTRA	ACTS/ORDER IN ITEM 14.	S.	
CHECK ONE		SUANT TO: (Specify authority	) THE CHANGES SET FOR	TH IN	TEM 14 ARE MAD	E IN THE CON	TRACT ORDER
	NO. IN ITEM 10A.	•	)	٠.	•		
		·			<u> </u>		
	B. THE ABOVE NUMBERED CONTRACT/C appropriation date, etc.) SET FORTH IN	DRDER IS MODIFIED TO REF	LECT THE ADMINISTRATI	VE CHA	NGES (such as chi	anges in payin	g office,
	C. THIS SUPPLEMENTAL AGREEMENT IS			3.103(8	/. ·		
X	Clause I.110 DEAR 970.5204-78 Laws		1				
	D. OTHER (Specify type of modification an		nootroo (adrio 1001)	<u>-</u>		······································	
							1
E. IMPORT	FANT: Contractor is not.	is required to sign th	ic document and re	*****	2		
		· · · · · · · · · · · · · · · · · · ·					issuing office.
14. DESCRIPT	TION OF AMENDMENT/MODIFICATION (Organ	lized by UCF section heading	s, Including solicitation/co WING PAGES	ntract su	bject matter when	e feasible.)	
		GLE I OLLO	VIIII VAGEO				
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,		·					
Except as prov	vided herein, all terms and conditions of the do	cument referenced in Item 9					
Except as prov 15A: NAME A	vided herein, all terms and conditions of the do ND TITLE OF SIGNER (Type or print)	cument referenced in Item 9	A or 10A, as heretofore of	F CON	RACTING OFFICE		
Except as prov	ND TITLE OF SIGNER (Type or print)	cument referenced in Item 9	JAMES A.	TUR.	RACTING OFFICE		
Except as provided in the Except as provided in the Except as provided in the Except and the Except as provided in the Except and Except as provided in the Except as provided in the Except as provided in the Except and Except as provided in the Except	vided herein, all terms and conditions of the do ND TITLE OF SIGNER (Type or print)  P DENAME P. PRES CONTROL OF THE SIGNER (TORIGE FERRICE)	150 ·	JAMES A. James W. Skinner, C	F CONT TUR Contract	RACTING OFFICE ( ing Officer		nt)
Except as provided in the Except as provided in the Except as provided in the Except and the Except as provided in the Except and the Except as provided in the Except as prov	ND TITLE OF SIGNER (Type or print)	15C. DATE SIGNED	JAMES A.	F CONT TUR Contract	RACTING OFFICE ( ing Officer		
15A. NAME A	ND TITLE OF SIGNER (Type or print)	150 ·	JAMES A.  James W. Skinner, O.  James W. States OF	OF CONT TUR Contract AMERICA	RACTING OFFICE ( ing Officer		nt)

→ P&CD/ACQUISITION

② 004 ② 003/003

Contract No. DE-AC05-84ER40150 Modification No. M286 Page 2 of 2

- 1. The purpose of this modification is to add the following DOE Orders/Requirements to List B of Appendix E of subject contract:
  - DOE N 205.8 Cyber Security Requirements for Wireless Devices and Information Systems
  - DOE N 205.9 Certification and Accreditation Process for Information Systems
     Including National Security Systems
  - DOE N 205.10 Cyber Security Requirements for Risk Management
  - DOE N 205.11 Security Requirements for Remote Access to DOE and Applicable Contractor Information Technology Systems
  - DOE N 205.13 Extension of DOE N 205.4, Handling Cyber Security Alerts and Advisories and Reporting Cyber Security Incidents until 7-6-05.
- 2. All other terms and conditions remain unchanged and in full force and effect.

Ø 002

AMENDMENT OF SOLICITATION	/MODIFICATION	OF CONTRACT	1, CONTRACT ID CO	DDE	PAGE	OF PAGES
2. AMENDMENT/MODIFICAITON NO. A287	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCH	ASE REQ. NO.	5. PROJECT	NO. (If ap	rl plicble)
CODE CODE		7. ADMINISTERED BY (I	f other than Item 6)	CODE	Ţ	
epartment of Energy					1	
TJNAF Site Office						
12000 Jefferson Avenue						
Newport News, VA 23606	•					,
8. NAME AND ADDRESS OF CONTRACTOR (No., street, or	ounty, State and ZIP Code)		(X) 9A. AMENDMEN	NT OF SOLICIA	ATION NO.	
Southeastern Universities Research Association, Inc.	· · · · · · · · · · · · · · · · · · ·					
1201 New York Avenue, NW	•					
Suite 430			9B. DATED (SEE	EITEM 11)		
Washington, D.C. 20005			104 1100/15/04	TION OF CON	TDAOTIOD	DED NO
			10A. MODIFICA		n nacijon	IDER NO.
			DE-AC05-846 10B. DATED (SI		···	
			X TOB. DATED (SI			
CODE	ACILITY CODE	<u></u>	August 3, 198	34		
11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF			·	
					1	
The above numbered solicitation is amended as set for				tended,	is not ext	enaea.
Offers must acknowledge receipt of this amendment prior t	o the hour and date specified	in the solicitation or as ame	ended, by one of the folio	owing methods	3:	
(a)By completing items 8 and 15, and returning	_copies of the amendment; (I					
or (c) By separate letter or telegram which includes a refere PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOF your desire to change an offer already submitted, such chai amendment, and is received prior to the opening hour and c	TO THE HOUR AND DATE S age may be made by telegram	PECIFIED MAY RESULT IN	REJECTION OF YOUR O	FFEH. IT DV VII	rtue of this	amendment
12. ACCOUNTING AND APPROPIRATION DATA (If require	a)					
ncrease of \$483,500.00	ONLY APPLIES TO MO	DIEICATION OF CO	NITE A CTS/ORDE	26		
IT MODIFIES	THE CONTRACT/ORD	DER NO. AS DESCRI	IBED IN ITEM 14.	10.		
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PUR				DE IN THE CO	NTRACT O	RDER
NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT, appropriation date, etc.) SET FORTH I	N ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43	/E CHANGES (such as cl 3,103(b).	hanges in payi	ng office,	
C. THIS SUPPLEMENTAL AGREEMENT IS	·	TO AUTHORITY OF:			-4-1-	
D. OTHER (Specify type of modification a						
X Increase in obligation of funds in acco	rdance with Clause I.79 "C	Obligation of Funds."				
E. IMPORTANT: Contractor X is not,	is required to sign th	is document and ret	turn — c	opies to th	e issuing	office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organical Control of Co	nized by UCF section heading	s, including solicitation/con	tract subject matter who	ere feasible.)		
14. SESSIBLATION OF AMERICANDA MAINTAIN TOWN TORS	SEE FOLLO	WING PAGES	•	•		
	;					
			•			
Except as provided herein, all terms and conditions of the	locument referenced in Item 9	A or 10A, as heretofore ch	nanged, remains unchand	ed and in full t	· force and e	ffect.
15A. NAME AND TITLE OF SIGNER (Type or print)	Countrie relations in Rein S	16A. NAME AND TITLE C	F CONTRACTING OFFIC	CER (Type or p	rint)	<del></del>
		James W. Skinner, C	ontracting Officer			
CONTRACTOR/OFFEROR	15C. DATE SIGNED	168 UNITED STATES OF	AMERICA .			DATE SIGNE
		July Wi	Xemes		_  🗓	31-0
(Signature of person authorized to sign)		(Signatu	ire of Contracting Office	r)	0	ノー・

Contract No. DE-AC05-84ER40150 Modification No. A287 Page 2 of 4

he amount under this contract is increased by \$483,500.00 from \$1,404,511,920.78 to \$1,404,995,420.78
As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
VVA	KB0101021 (EQU)	~ 0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
VΑ	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
NΑ	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	130,000.00
NA.	KB0401052	15,000.00	125,000.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
	39KB00000 (87R203)	0.00	0.00	312,939,618.00
	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
, /VA	39KG01000 (PRNMEL001033)	0.00	9,019,000.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	29,800.00
YA	39WB00000 (HE50000A002)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (2001-VV004/2002VV003) 400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
	·	0.00	0.00	4,441,792.23
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	<b>392</b> ,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)			2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	485,436.89	485,436.89
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
•	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

Contract No. DE-AC05-84ER40150 Modification No. A287 Page 3 of 4

ad Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
. 2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600305000 (AGR2004W002/W)	0.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURÁ2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
•	650102000 (AGRSURA2004S002)	0.00	13,260,00	13,260.00
	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
~ eY	650102000 (AGRSURA2004W004)	6,500.00	6,500.00	6,500.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	(487.00)	(487.00)	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	(3,505.00)	(3,505.00)	<b>5,933,571</b> .00
TC	820201000 (OP TSKER40150TJAAA CR40)	(2,057,109.00)	2,084,768.00	<b>59,638,287</b> .00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	ED3502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	1,725,374.00	454,000.00	1,725,374.00
WA	FS1001100	(1,551,374.00)	0.00	0.00
WA	FS1001500	(174,000.00)	0.00	0.00
WA	FS1002000	455,626.00	130,000.00	455,626.00
WA	FS1002300	(15,626.00)	0.00 0.00	0.00 0.00
WA	FS1002400	(440,000.00)		
WA	FS1005000	923,000.00	308,000.00	923,000.00 0.00
WA	FS1005100	(879,817.00)	0.00 0.00	0.00
WA	FS1005500	(43,183.00)	80,000.00	243,000.00
	F\$1009000	243,000.00	0.00	0.00
	FS1009300	(243,000.00) 145,773.00	0.00	145,773.00
VVV	FS1001000	140,773.00	0.00	1-70,770.00

Contract No. DE-AC05-84ER40150 Modification No. A287 Page 4 of 4

			•		4.8
<u>1 Type</u>	B&R Code		Change	FY04	To Date
W	FS1001100		(140,373.00)	0.00	0.00
WV	FS1001500		(5,400.00)	0.00	0.00
WV	FS1002000		81,000.00	0.00	81,000.00
Ŵ	FS1002400		(81,000.00)	0.00	0.00
WV	FS1009000		9,000.00	0.00	9,000.00
WV	FS1009300		(9,000.00)	0.00	0.00
WA	KA1401030		0.00	0.00	644,310.00
WA	KA1502030		0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)		0.00	90,000.00	90,000.00
WA	KC0204018		0.00	0.00	11,943.00
WA	KC0301030		0.00	0.00	182,982.00
WA	KG0801000		0.00	337,800.00	337,800.00
WA	KJ0101030		0.00	0.00	155,000.00
WA	KJ0102000		300,000.00	300,000.00	1,504,346.00
WA	KJ0102000 (EQU)		0.00	0.00	44,745.00
WA	KJ0200000		0.00	0.00	534,909.00
4V	KL0101000		0.00	0.00	122,618.00
WA	KL0101000 (SULI)		0.00	90,000.00	722,350.00
WA	KL0103000 (PST)		0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)		46,000.00	177,000.00	177,000.00
TF	KP1104010		0.00	0.00	13,000.00
WA	KP1401030		116,000.00	891,000.00	2,358,000.00
	KP1401030 (EQU)		0.00	0.00	865,000.00
(	KP1402010		0.00	0.00	175,600.00
٧٧A	KP1402010 (EQU)		0.00	0.00	439,400.00
WA	KS0101000		0.00	0.00	4,000.00
WA	KS0101000 (EQU)		0.00	0.00	6,861.00
WA	KT0101014		0,00	0.00	380,000.00
WA	KT0101017		0.00	0.00	412,000.00
WA	KT0101019		0.00	0.00	5,000.00
WA	KT0101025		0.00	0.00	9,702.00
WA	KT0201013		0.00	0.00	87,300.00
TF	KV0101012		0.00	0.00	280,000.00
TF	KV0101014		0.00	0.00	612,000.00
WA	KX0310211		0.00	0.00	5,000.00
ΥA	WB0100000	7	. 0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)		0.00	0.00	125,000.00
SA	YN1901000		0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)		(419,622.00)	(419,622.00)	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)		419,622.00	419,622.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)		3,505.00	3,505.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)		487.00	487.00	487.00 2.057.100.00
YZ	YN1901000 (TSKER40150TJAAA)		2,057,109.00	2,057,109.00	2,057,109.00
	TOTAL		\$ 483,500.00	\$114,931,225.47	\$1,404,995,420.78

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO, (If applicb(s)
A288	See Block 16C	THE TOTAL OF THE TANK TO	b. I NOOCO I NO. In applicate)
"SUED BY CODE	OCC BIOLIC 100	7. ADMINISTERED BY (If other than ftem 5)	CODE
Department of Energy	<u> </u>	<b>-</b>	
JNAF Site Office		I I	e - , e - *
•	•		
2000 Jefferson Avenue			•
NAME AND ADDRESS OF CONTRACTOR INc., street, cou	thy State and 7IP Code)	LAN TON AMENICAL	IENT OF SOLICIATION NO.
outheastern Universities Research Association, Inc.	nty, ctato and 2n coucy	(X) 9A. AMENON	TEAT OF SOCIONATION NO.
201 New York Avenue, NW			
Suite 430		9B. DATED (S	SEE ITEM 11)
Vashington, D.C. 20005			
addining bill, 2000		10A. MODIFI	CATION OF CONTRACT/ORDER NO.
		DE-AC05-8	
•		X TOB. DATED	(SEE ITEM 11)
ODE FAC	CILITY CODE	August 2 d	0.004
		August 3, 1	
The above numbered solicitation is amonded as set forth		F	<u> </u>
ACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR T our desire to change an offer already submitted, such change nendment, and is received prior to the opening hour and da	ë may bë made by telegran	PECIFIED MAY RESULT IN REJECTION OF YOUR or letter, provided each telegram or letter makes	t OFFER. If by virtue of this amendment reference to the solicitation and this
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THIS ITEM OF A THIS CHANGE ORDER IS ISSUED PURSUND, IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/O appropriation date, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMENT IS INCREMENT IS INCREMENTAL AGREEMENT IS INCREASE IN obligation of funds in accordance.  IMPORTANT: Contractor X is not,   4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organ)	NLY APPLIES TO MOTHE CONTRACT/ORI UANT TO: (Specify authority) RDER IS MODIFIED TO REF ITEM 14, PURSUANT TO T ENTERED INTO PURSUANT d authority) diance with Clause 1.79 "d is required to sign th ized by UCF section heading	DER NO. AS DESCRIBED IN ITEM 14 ARE NOT THE CHANGES SET FORTH IN ITEM 14 ARE NOT THE ADMINISTRATIVE CHANGES (such and THE AUTHORITY OF FAR 43.109(b).  TO AUTHORITY OF:  Obligation of Funds,"  nis document and return  gs. including solicitation/contract subject matter vivoling PAGES	4.  MADE IN THE CONTRACT ORDER  changes in paying office,  copies to the issuing office.  where feasible.)

The amount under this contract is increased by \$266,601.94 from \$1,404,995,420.78 to \$1,405,262,022.72

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0,00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
· WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA .	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	130,000.00
WA .	KB0401052	0.00	125,000.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
√ <b>A</b>	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
٧A	39KG01000 (PRNMEL001033)	0.00	9,019,000.00	9,955,000.00
YA .	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	<b>0.00</b>	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	<b>24,271.8</b> 4
3T	400403309 (AGRN00014-01-F-0171C)	0,00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	<b>550,48</b> 5.44
31	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	<b>526</b> ,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	<b>617,96</b> 1.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	<b>1</b> 70,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	<b>3,883,495</b> .15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
ЗТ	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	<b>970,873</b> .79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	169,708.74	169,708.74
3T.	400403309 (AGRN00014-04-F-0171R)	0.00	485,436.89	<b>485,43</b> 6.89
3T	400403309 (AGRN00014-04-F-0171S)	266,601.94	266,601. <del>9</del> 4	<b>266,601</b> .94
3T	400403309 (AGSURA03W002)	0.00	0.00	<b>718,446</b> .60
3 <b>T</b>	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
31	400403309 (OP AGR-00-F-0439)	0.00	0,00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
<b>3</b> T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621,00

, und Type	B&R Code	Change	FY04	To Date
<b>3</b> T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
ЗТ	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	<b>8,148</b> .00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600305000 (AGR2004W002/W)	0.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	00.0	20,000.00
ΊΥ	650102000 (AGR94-002)	0.00	0.00	203,651.00
.1Y	650102000 (AGR980003)	0.00	0.00	<b>28</b> ,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0,00	0.00	<b>29,544</b> .00
Υ	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
íΥ	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	6,500.00	6,500.00
TC	820101000 (OP)	0.00	0.00	<b>599,853</b> .00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	(487.00)	<b>56,624</b> .00
TC	820201000 (OP TSKER401501111J CR40)	0.00	(3,505.00)	<b>5,933,571.00</b>
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	2,084,768.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0,00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0,00	(443,600.00)	0.00
ΥA	EB5501000	0.00	339,063.00	339,063.00
ΥA	EB5502000	0.00	104,537.00	<b>104,53</b> 7.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	<b>50,000</b> .00
WA	FS1001000	0.00	1,725,374.00	1,725,374.00
WA	FS1001100	0.00	(1,141,374.00)	0.00
WA	FS1001500	00,0	(130,000.00)	0.00
WA	FS1002000	0.00	455,626.00	<b>455,6</b> 26.00
WA	FS1002300	0.00	(15,626.00)	0.00
WA	F\$1002400	0.00	(310,000.00)	0.00
WA	FS1005000	0.00	923,000.00	923,000,00
WA	FS1005100	0.00	(569,000.00)	0.00
WA	F\$1005500	0,00	(46,000.00)	0.00
·WA	F\$1009000	0,00	243,000.00	<b>243,000</b> .00
WA	F\$1009300	0.00	(163,000.00)	
W	FS1001000	0.00	145,773.00	0,00 <b>145,773.0</b> 0
,		0.00	140,773,00	140,773,00

. und Type	B&R Code	Change	FY04	T .
W	FS1001100		1104	To Date
WV	FS1001500	0.00	(140,373.00)	0.00
WV	F\$1002000	0.00	(5,400.00)	0.00
W	FS1002400	0.00	81,000.00	81,000.00
W	FS1009000	0.00	(81,000.00)	0.00
W	F\$1009300	0.00	9,000.00	9,000.00
WA .	KA1401030	0.00	(9,000.00)	0.00
WA	KA1502030	0.00	0.00	644,310.00
WA	KA1502030 (EQU EQU)	0.00	20,000.00	35,000.00
WA	KC0204018	0.00	90,000.00	90,000.00
WA	KC0301030	0.00	0.00	11,943.00
WA	KG0801000	0.00	0.00	182,982,00
WA	KJ0101030	0.00	337,800.00	337,800.00
WA	KJ0102000	0.00	0,00	155,000.00
WA	KJ0102000 (EQU)	0.00	300,000.00	1,504,346.00
WA	KJ0200000	0.00	0.00	44,745.00
4V	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	90,000.00	722,350.00
WA	KL0201000 (LSTPD)	0.00	40,000.00	40,000.00
TF	KP1104010	0.00	177,000.00	177,000.00
WA	KP1401030	0.00	0.00	13,000.00
VA	KP1401030 (EQU)	0,00	891,000:00	2,358,000.00
.VA	KP1402010	0.00	0.00	865,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600,00
WA	KS0101000	0.00	0.00	<b>439,40</b> 0.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
	KT0101017	0.00	0.00	<b>380,00</b> 0.00
	KT0101019	0.00	0.00	<b>412,000</b> .00
	KT0101025	0.00	0.00	<b>5,000.0</b> 0
WA	KT0201013	0.00	0.00	9,702.00
	KV0101012	0.00	0.00	87,300.00
	KV0101014	0.00	0.00	280,000.00
	KX0310211	0.00	0.00	<b>612,00</b> 0.00
	WB0100000	0.00	0.00	5,000,00
	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
	YN1901000	0.00	0.00	125,000.00
	YN1901000 (39BP BP90)	0.00	0.00	98,652,00
	YN1901000 (TSKOLDIPAC)	0.00	(419,622.00)	4,137,378.00
	YN1901000 (TSKER40150I111J)	0.00	419,622.00	419,622.00
	YN1901000 (TSKER40150JLAAA)	0.00	3,505.00	3,505.00
	YN1901000 (TSKER40150TJAAA)	0.00	487.00	487.00
•		0.00	2,057,109.00	2,057,109.00
	TOTAL	\$ 266,601.94	\$115,197,827.41	\$1,405,262,022.72

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2. AMENDMEN 3. ISSUED BY		MODIFICATION (	3. 33.4.10.33.		1 1 2
2 IGGITED BY	T/MODIFICAITON NO. M289	3. EFFECTIVE DATE See Block 16C.	4. REQUISITION/PURCH	ASE REQ. NO.	5. PROJECT NO. (If applicable)
J. 1990EU 間Y	CODE	OCC BIOOK TOO.	7. ADMINISTERED BY (	f other than Item 6)	CODE
U.S. I	Department of Energy	<b></b>			
	F Site Office		ļ		
	) Jefferson Avenue				
	ort News, VA 23606				
	ADDRESS OF CONTRACTOR (No., street, co	unty, State and ZIP Code)		(X) 9A. AMENDMEN	T OF SOLICIATION NO.
South	neastern Universities Research Associa	tion, Inc.			
1201	New York Avenue, NW			9B. DATED (SEE	ITEM 11)
Suite	430			104 MODIFICA	TION OF CONTRACT/ORDER NO.
Wash	lington, D.C. 20005		1	DE-AC05-84E	•
				X 10B. DATED (SE	
				1^	
ODE		CILITY CODE		August 3, 198	4
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
nendment, an	hange an offer already submitted, such chan d is received prior to the opening hour and d	ate specified.	or latter, provided each tel	egram of letter makes to	profite to die solicitation and this
2. ACCOUNTI	NG AND APPROPIRATION DATA (If required	i)			
N/A					
· · · · · · · · · · · · · · · · · · ·	IT MODIFIES	NLY APPLIES TO MOTHE CONTRACT/ORD	DER NO. AS DESCR	IBED IN ITEM 14.	
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.	SUANT TO: (Specify authority	) THE CHANGES SET FOR	TH IN ITEM 14 ARE MAE	DE IN THE CONTRACT ORDER
	B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH II	ORDER IS MODIFIED TO REF NITEM 14, PURSUANT TO T	LECT THE ADMINISTRATIV HE AUTHORITY OF FAR 4:	/E CHANGES (such as ch 3.103(b).	nanges in paying office,
	C. THIS SUPPLEMENTAL AGREEMENT IS				
X	The Secretary's Decision Memorandur		DOE Laboratory M&O	Contracts" dated Janu	ary 29, 2004.
	D. OTHER (Specify type of modification a	nd authority)			
				2	
	AND OUR SERVICE THE	طه مسام سه امتداریتی ما	is decument and re-		voice to the incuing office
	ANT: Contractor is not, X				opies to the issuing office.
	ANT: Contractor is not, X ON OF AMENDMENT/MODIFICATION (Orga				
		nized by UCF section heading	gs, including solicitation/con		
			gs, including solicitation/con		
		nized by UCF section heading	gs, including solicitation/con		
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4. DESCRIPTI	ON OF AMENDMENT/MODIFICATION (Orga	nized by UCF section heading	ys, including solicitation/cor NG PAGES	tract subject matter whe	re feasible.) led and in full force and effect.
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4. DESCRIPTI	ON OF AMENDMENT/MODIFICATION (Orga	nized by UCF section heading	ys, Including solicitation/cor NG PAGES  PA or 10A, as heretofore of	nanged, remains unchang DF CONTRACTING OFFIC	re feasible.) led and in full force and effect.

NSN 7540-01-152-8070 Previous edition unusable

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

DE-AC05-84ER40150 Modification M289 Page 2of 2

- 1. The purpose of this modification is to extend the period of performance to September 30, 2005.
- 2. Clause F.1 entitled "PERIOD OF PERFORMANCE," is revised as follows:

"In accordance with this Contract Modification, the performance of the work described in Part I, Section C - Description/Specifications/Work Statement shall continue up to and including September 30, 2005. This modification is an extension of Contract DE-AC05-84ER40150, dated August 3, 1983, and currently in effect through September 30, 2005."

3. All other terms and conditions remain the same.

	OLICHATION	MODIFICATION O	F CONTRACT	1. CONT			1	1
AMENDMENT/MODIFICATION NO	<u> </u>	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	ASE REQ. N	0.	5. PROJEC	NO. (If appl	) licble)
A290		See Block 16C	1					
ISSUED BY	CODE		7. ADMINISTERED BY (II	f other than	item 6)	CODE		
S. Department of Energy			] :					•
JNAF Site Office			1					
2000 Jefferson Avenue			<u> </u>					
ewport News, VA 23606								
NAME AND ADDRESS OF CONTR	ACTOR (No., street, cor	unty, State and ZIP Code)	<u> </u>	(X) 9A.	AMENDMEN'	OF SOLICI	ATION NO.	
outheastern Universities Rese	arch Association, Inc.		•					
201 New York Avenue, NW			•					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
uite 430				9B.	DATED (SEE	(TEM 11)		
ashington, D.C. 20005			•	100	. MODIFICA	ION OF CO	NTRACT/ORI	DER NO.
				1 1	-AC05-84E			<b>DETITIO</b> :
	•			1	DATED (SE			
		•		1^				
ODE	1.	CILITY CODE			igust 3, <u>1</u> 98	4		
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICIT	ATIONS			
ACE DESIGNATED FOR THE REC our dealer to change an offer alread mendment, and is received prior to	dy submitted, such chan the opening hour and d	ige may be made by telegram ate specified.	or letter, provided each tel	legram or le	tter makes re	ference to the	ne solicitation	and this
2. ACCOUNTING AND APPROPIR	ATION DATA (If required						····	
ecrease of \$71,480.02								
ecrease of \$71,480.02	13. THIS ITEM C	ONLY APPLIES TO MO	DDIFICATION OF CO	ONTRAC	TS/ORDEI	ns.		· •
	IT MODIFIES		DER NO. AS DESCR	IBED IN	ITEM 14.		ONTRACT C	PRDER
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1. The amount under this contract is decreased by \$71,480.02 from \$1,405,262,022.72 to \$1,405,190,542.70 As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	3,500.00	5,187,500.00	181,194,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00		1,900.00
WA	KB0181015		_	,000.00
WA	KB0181020	40040	2209	·
WA	KB0301020	111190	U45	79 702.00
WA	KB0301020 (EQU)	400	3309 - 445	,000.00
WA	KB0301052			708 ,000.00
WA	KB0301052 (EQU)	- M	201010 - 1,"	000.00
WA	KB0401052	1,00		<b>50</b> 0 000.00
YA	392100000	40090	2102	176.00
TC	39DP08170	$\sim 10^{-2}$	<i>SOLO</i> - 1	119 442.00
WA	39KB00000 (87R203)	$\omega$	301010 -1,7 10102 6,5 105 -27,6	10 1 318.00
WA	39KG01000 (PRN03SC01003)	, AA 4	205	789 000.00
WA	39KG01000 (PRNMEL001033)	650l	7	)00.00
ΥA	39WB00000 (IHE50000A001)	~ m	01 - 11	)85.00
ΥA	39WB00000 (IHE50000A002)	losor	_	300.00
ΥA	39WB00000 (IHE500000A003)	G		00.00
3T	400403109 (2001-W004/2002W003)			37.86
3T	400403109 (AGRSURA02W003)			37.86
3T	400403309 (AGRN0001401-F-0171)	WIND	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	(2,838.61)	(2,838.61)	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	485,436.89	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	266,601.94	266,601.94
	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (AGSONA03W002) 400403309 (OP AGR000096)	(38,792.00)	(38,792.00)	11,705,563.00
3T	400403309 (OF AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T 3T	400403309 (OF AGR27199MPHS058)	(176.92)	(176.92)	11,959.00
3T	400403309 (OF AGR27 199MI 1100307) 400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

Contract No. DE-AC05-84ER40150 Modification No. A290 Page 3 of 4

	<b></b>	,		
Fund Type	B&R Code	Change	<u>FY04</u> _	To Date
3Т	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	(40.18)	(40.18)	2,387.00
3Y	400409900 (AGRSURA2001W002)	(2,399.00)	(2,399.00)	17,018.00
3Y	400412000 (AGRY1OR133700)	(327.31)	(327.31)	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	(1,708.00)	(1,708.00)	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	6,500.00	6,500.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	(278.00)	(278.00)	16,722.00
2Y	600305000 (OP AGR2000W002)	(1,091.00)	(1,091.00)	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	(26,040.00)	(26,040.00)	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	(1,289.00)	(1,289.00)	27,180.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875,00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0,00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	(6,500.00)	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	(487.00)	56,624.00
TC	820201000 (OP TSKER4015011111J CR40)	0.00	(3,505.00)	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	2,084,768.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	1,725,374.00	1,725,374.00
WA	FS1001100	0.00	(1,141,374.00)	0.00
WA	FS1001500	0.00	(130,000.00)	0.00
WA	FS1002000	0.00	455,626.00	455,626.00
WA	FS1002300	0.00	(15,626.00)	0.00
WA	FS1002400	0.00	(310,000.00)	0.00
WA WA	FS1005000	0.00	923,000.00	923,000.00
	FS1005000 FS1005100	0.00	(569,000.00)	0.00
WA WA	FS1005100 FS1005500	0.00	(46,000.00)	0.00
WA WA	FS1009000	0.00	243,000.00	243,000.00
AW	FS1009000 FS1009300	0.00	(163,000.00)	0.00

Contract No. DE-AC05-84ER40150 Modification No. A290 Page 4 of 4

Fund Type	B&R Code	Change	FY04	To Date
W	FS1001000	0.00	145,773.00	145,773.00
W	FS1001100	0.00	(140,373.00)	0.00
WV	FS1001500	0.00	(5,400.00)	0.00
W	F\$1002000	0.00	81,000.00	81,000.00
W	FS1002400	0.00	(81,000.00)	0.00
WV	FS1009000	0.00	9,000,00	9,000.00
WV	FS1009300	0.00	(9,000.00)	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	300,000.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	177,000.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	891,000.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010 `	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0. <b>0</b> 0	0.00	612,000.00
WA	KX0310211	00.0	0.00	5,000.00
YA	WB0100000	0.00	0,00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	00.0	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	(419,622.00)	4,137,378.00
YZ	YN1901000 (TSKOLDIPÁC)	0.00	419,622.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	00,0	3,505.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	487.00	487.00
YZ	YN1901000 (TSKER40150TJAA.")	0.00	2,057,109.00	2,057,109.00
	TOTAL	\$ (71,480.02)	\$115,126,347.39	\$1,405,190,542.70

AMEN	DMENT OF SOLIC	TATION	/MODIFICATION	OF CONTRACT	1. CON	TRACT ID CO	DE	PAGE	OF PAGES
2. AMENDMEN	T/MODIFICAITON NO. M291	······································	9. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCH	ASE REQ. I	NO.	5. PROJECT	NO. (If ap	plicble)
6, ISSUED BY		CODE		7. ADMINISTERED BY (I	f other ther	ltem 6)	CODE		
U.S. Departm	ent of Energy								
TJNAF Site C	Office								
12000 Jeffers	son Avenue								
Newport New	s, VA 23606								
	ADDRESS OF CONTRACTOR (		••	·	(X) 9A	. AMENDMEN	T OF SOLICI	ATION NO.	····
	Universities Research Ass	ociation, inc	<b>.</b>						
	rk Avenue, NW			•	98.	DATED (SEE	ITEM 11)	-	
Suite 430	D.O. 20005				1 1	,			
Washington, I	D.C. 20005				10,	A. MODIFICA	TION OF CON	TRACT/OF	IDER NO.
					1 —	E-AC05-84E			
					X 100	B. DATED (SE	E ITEM 11)		
CODE		Te	CILITY CODE		}		4		
CODE	11		M ONLY APPLIES TO	AMENDMENTS OF		ugust 3, 198 ATIONS	4		
Offers must ack (a)By completing or (c) By separa PLACE DESIGN your deaire to c	numbered solicitation is amen knowledge receipt of this amer og items 8 and 15, and returnir ate letter or telegram which mo IATED FOR THE RECEIPT OF C change an offer already submitt id is received prior to the open	idment prior to lig ludes a refere FFERS PRIOR ted, such char	o the hour and date specified coples of the amendment; (if nce to the solicitation and am TO THE HOUR AND DATE Si nge may be made by telegram	in the solicitation or as ame o) By acknowledging receipt endment numbers. FAILUR PECIFIED MAY RESULT IN	nded, by or t of this am IE OF YOUF REJECTION	endment on e	ach copy of t DGMENT TO FER. If by vi	he offer su BE RECEIV rtue of this	bmitted; ED AT THE
	ING AND APPROPIRATION DA			1			1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	<del></del>	
N/A									
	13, 77	IIS ITEM (	NLY APPLIES TO MO	DIFICATION OF CO	NTRAC	TS/ORDEF	S.		
			THE CONTRACT/ORD				E IN THE CO	NTRACT C	RDER
CHECK ONE	A. THIS CHANGE ORDER IS NO. IN ITEM 10A.	1350217 FOR	SOME TO: Japany authority	y The driving to device the	, , , , , , , , , , , , , , , , , , , ,				
	B. THE ABOVE NUMBERE	CONTRACT	ORDER IS MODIFIED TO REF	LECT THE ADMINISTRATIV	E CHANGE	ES (such as of	anges in payl	ng office,	
			N ITEM 14, PURGUANT TO T SENTERED INTO PURSUANT		3, 103(0).			····	
х	Clause H.29 titled "SURA				40-13 title	d "ALLOWA	BLE COST	S AND F	XED FEE"
	D. OTHER (Specify type of							T	·····
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			··	
E. IMPORT	ANT: Contractor	is not, 🛛 🗓	is required to sign th	nis document and ret	urn —	2 co	pies to th	ie issuin	g office.
14. DESCRIPT	ION OF AMENDMENT/MODIFI	CATION (Orga	inized by UCF section heading	gs, including solicitation/con WING PAGES	tract subje	ct matter whe	re feasible.)	·	
			SEE FOLLO	WING PAGES					
				;					
Present na nac	vided herein, all terms and corre	litions of the	locument referenced in Item !	9A or 1OA, as heretofore ch	nanged, rem	alne unchang	ed and in full	force and	offect.
	ND TITLE OF SIGNER (Type or		Account of the second of the s	16A. NAME AND TITLE C	OF CONTRA	CTING OFFIC	ER (Type or	orint)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	1	$\geq$						,	
JERRY	PDRAGVER	DRESIC	ED & SURA	James A Turi, Admir	nistrative (	Contracting (	Officer	1160	DATE SIGNE
	ACTOR/OFFEBORT)	V	LOC. DATE SIGNED	TOB, UNITED PIATES OF	AWIERIOA	11-the	1	1	
16B. CONTRA	.//( )					<i></i>		1	, ,
15B. CONTRA	Signature of person authorized	to sign)	10/13/04	(Signario	ure or Cont	racting Office	er-	- (D	13/6

Contract No. DE-AC05-84ER40150 Modification No. M291 Page 2 of 2

- 1. The purpose of this modification is to:
  - a. Incorporate the Estimated Central Office Expenses (COE) Cap for FY05. Paragraph (3) of clause H.29 is revised as follows:
    - "A schedule of the Central Office Expenses is as follows:

Fiscal Year	Estimated COE	Actual COE
11/01/1999-9/30/2000	\$1,515,834	\$1,415,979
10/01/2000-9/30/2001	\$1,653,637	\$1,728,427
10/01/2001-9/30/2002	\$1,745,000	\$1,686,982
Fiscal Year	Estimated COE CAP	Actual COE CAP
10/01/2002-9/30/2003	\$1,083,333	\$1,067,703
10/01/2003-9/30/2004	\$1,333,642*	TBD
10/01/2004-9/30/2005	\$1,566,190**	TBD

<sup>\*</sup>The Estimated FY04 COE Cap payable to SURA is \$298,491 which is net of credits to DOE as annotated in paragraph 1.a. (4) of contract modification M280.

- b. Incorporate the fixed fee payable to the Contractor for FY05 under Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)." The first section of paragraph (b) of Clause I.78 is revised as follows:
  - "(b) Fixed-Fee. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:
    - (1) From November 1, 1999 through September 30, 2000-\$341,917
    - (2) From October 1, 2000 through September 30, 2001-\$373,000
    - (3) From October 1, 2001 through September 30, 2002-\$373,000
    - (4) From October 1, 2002 through September 30, 2003-\$390,000
    - (5) From October 1, 2003 through September 30, 2004-\$535,000
    - (6) From October 1, 2004 through September 30, 2005-\$535,000

The parties agree that the FY04 fixed fee of \$535,000 will remain the same in FY05 once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

2. All other terms and conditions remain unchanged and in full force and effect.

<sup>\*\*</sup> The Estimated FY05 COE Cap payable to SURA is \$1,116,190 which is net of a \$450,000 credit to DOE for "reserve funds" addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee"

AMENDMENT OF SOLICITATION	MODIFICATION O	F CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	14. REQUISITION/PURCH/	ASE REO NO. 15 PROJEC	T NO. ((f applicble)
A292	October 1, 2004	, radolottom, ottot		the appropriate
6. ISSUED BY CODE	October 1, 2004	7. ADMINISTERED BY (II	f other than Item 6) CODE	
U.S. Department of Energy	· · · · · · · · · · · · · · · · · · ·	1	•	
TJNAF Site Office		İ		•
12000 Jefferson Avenue				
Newport News, VA 23606  8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	unty. State and ZIP Code)		(X) 9A. AMENDMENT OF SOLIC	NATION NO.
Southeastern Universities Research Association, Inc.			1//	,
1201 New York Avenue, NW				
Suite 430			9B. DATED (SEE ITEM 11)	
Washington, D.C. 20005				
**************************************			10A, MODIFICATION OF CO	ONTRACT/ORDER NO.
			DE-AC05-84ER40150	
•		•	X TOB. DATED (SEE TEM 11)	
CODE	ACILITY CODE		August 3, 1984	
	M ONLY APPLIES TO	AMENDMENTS OF		· · · · · · · · · · · · · · · · · · ·
The above numbered solicitation is amended as set for Offers must acknowledge receipt of this amendment prior to (a) By completing items 8 and 15, and returning or (c) By separate letter or telegram which includes a refere PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOF your desire to charge an offer already submitted, such char	o the hour and date specified in copies of the amendment; (b) nice to the solicitation and and NICO THE MOUR AND DATE SP	the solicitation or as ame By acknowledging receip adment numbers. FAILUF FCIFIED MAY BESULT IN	inded, by one of the following metho t of this amendment on each copy o RE OF YOUR ACKNOWLEDGMENT T REJECTION OF YOUR OFFER. If by	f the offer submitted; O BE RECEIVED AT THE virtue of this amendment
amendment, and is received prior to the opening hour and	late specified.	,		
12. ACCOUNTING AND APPROPIRATION DATA (If require	d)	**************************************		
Increase of \$11,897,951				
13. THIS ITEM (	ONLY APPLIES TO MO	DIFICATION OF CO	ONTRACTS/ORDERS.	
	THE CONTRACT/ORD			CONTRACT ORDER
CHECK ONE A. THIS CHANGE ONDER IS ISSUED PUR NO. IN ITEM 10A.	SOAM TO, ISPECITY EUROCITY	THE SHARAGES SELL TON	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			*	
B. THE ABOVE NUMBERED CONTRACT	ORDER IS MODIFIED TO REFL	ECT THE ADMINISTRATI	VE CHANGES (such as changes in p	aying office,
appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO TH	HE AUTHORITY OF FAR 4	3.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT	S ENTERED INTO PURSUANT	TO AUTHORITY OF:	<del></del>	
D. OTHER (Specify type of modification				
X Increase in obligation of funds in acco			· · · · · · · · · · · · · · · · · · ·	
E. IMPORTANT: Contractor X is not,	is required to sign thi	is document and re	turn copies to	the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Org	anized by UCF section heading	s, including solicitation/co	ntract subject matter where feasible	.)
THE BESSEL FROM ST. PRINCE ST. ST. ST. ST. ST. ST. ST. ST. ST. ST.	SEE FOLLO	WING PAGES		
	•			
		1		
		# 4 1	,	
Except as provided herein, all terms and conditions of the	document referenced in Item 9	A or 10A, as heretofore o	hanged, remains unchanged and in	full force and effect.
15A, NAME AND TITLE OF SIGNER (Type or print)	Socializate total discount and a	16A. NAME AND TITLE	OF CONTRACTING OFFICER (Type	or print)
Contracting time crame or effection to the or finish				
		James W. Skinner,	Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	188 UNITED STATES O	AMERICA	16C. DATE SIGN
·		Janes Wa	Kimes	10/8/04
(Signature of person authorized to sign)	, , , , , , , , , , , , , , , , , , , ,		ture of Contracting Officer)	5001100
NSN 7540-01-152-8070 Previous edition unusable	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		STANDARI Prescribed by G	) FORM 30 (REV. 10-8 ISA FAR (48 CFR) 53,243

Contract No. DE-AC05-84ER40150 Modification No. A292 Page 2 of 4

1. The amount under this contract is decreased by \$11,897,951.00 from \$1,405,190,542.70 to \$1,417,088,493.70 As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	1,000,000.00	1,000,000.00	182,194,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	6,500,000.00	6,500,000.00	507,038,777.00
WA	KB0102011 (AIP)	100,000.00	100,000.00	9,363,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	3,200,000.00	3,200,000.00	116,141,059.00
WA	KB0102012 (EQU)	129,951.00	129,951.00	38,236,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	400,000.00	400,000.00	10,466,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A007)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	80,100.00
3T	,	0.00	0.00	4,308,737.86
	400403109 (2001-W004/2002W003)	0.00	0.00	1,708,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	4,441,792.23
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	390,141.00
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	24,271.84
3T 3T	400403309 (AGRN00014-01-F-0171B) 400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
		0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171E)	0,00	0.00	4,270,388.34
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	617,961.17
3T	400403309 (AGNR00014-01-F01711)	0,00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171J)	0,00	0.00	170,679.61
3T	400403309 (AGRN00014-03-F-0171K)	0,00	0.00	3,883,495.15
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171N)		0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171Q)	0:00 0:00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171R)		0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171S)	0,00	0.00	718,446.60
3T	400403309 (AGSURA03W002)	0;00	0.00	11,705,563.00
3T	400403309 (OP AGR000096)	0:00	0.00	9,029,126.21
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	11,959.00
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,621.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,021.00

Contract No. DE-AC05-84ER40150 Modification No. A292 Page 3 of 4

Fund Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	•
1) 1Y	,		0.00	6,796.00 20,000.00
1Y	650102000 (AGR94-001)	0,00		•
	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGR\$003)	0,00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0,00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0,00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0,00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC .	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0,00	0.00	59,638,287.00
WA	AT5015033	0,00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	C\$502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0,00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	437,000.00	437,000.00	2,162,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	26,000.00	26,000.00	481,626.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	Ö.00	0.00	0.00
WA	FS1005400 FS1005000	50,000.00	50,000.00	973,000.00
WA WA	FS1005000 FS1005100	0.00	0.00	0.00
	FS1005100 FS1005500	0.00	0.00	0.00
WA		0.00	0.00	243,000.00
WA	FS1009000	0.00	0.00	0.00
WA	FS1009300	۷.00	U.UŲ	

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Fund Type	B&R Code	Change	FY04	To Date
		:	0.00	145,773.00
WV	F\$1001000	0.00	0.00	0.00
WV	FS1001100	0.00	) 0.00 0.00	0.00
WV	FS1001500	0.00	0.00	81,000.00
WV	FS1002000	0.00	0.00	0.00
WV	FS1002400	0.00	0.00	9,000.00
WV	FS1009000	0.00	0.00	0.00
WV	FS1009300	0.00	0.00	644,310.00
WA	KA1401030	0.00	0.00	35,000.00
WA	KA1502030	0,00	0.00	90,000.00
WA	KA1502030 (EQU EQU)	0.00	0.00	11,943.00
WA	KC0204018	0,00		182,982.00
WA	KC0301030	0.00	0.00	337,800.00
WA	KG0801000	0.00	0.00	155,000.00
WA	KJ0101030	0.00	0.00	1,504,346.00
WA	KJ0102000	0.00	0.00	44,745.00
WA .	KJ0102000 (EQU)	0.00	0.00	-
WA	KJ0200000	0,00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0,00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	- KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	55,000.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0,00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0,00	0.00	412,000.00
WA	KT0101019	0,.00	0.00	5,000.00
WA	KT0101025	0,00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211 .	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
SA	YN1901000 (39BF DI 90) YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ VZ	YN1901000 (TSKER401501111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER4015011110) YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ YZ	YN1901000 (TSKER401503LAAA) YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
	TOTAL	\$ 11,897,951.00	\$11,897,951.00	\$1,417,088,493.70

AMENDMENT OF SOLICITATION	MODIFICATIO	N O	F CONTRACT	1. CONTRACT ID	CODE	PAGE	OF P	AGES
2. AMENDMENT/MODIFICAITON NO. A293	3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHAS	SE REO. NO.	5. PROJEC	CT NO. (If a	oplicble)	
5. ISSUED BY CODE	See Bik 100		7. ADMINISTERED BY (If o	ther than Item 6)	CODE	T		
		···········	,			l		
J.S. Department of Energy								
TJNAF Site Office								
2000 Jefferson Avenue								
Newport News, VA 23606			'					
NAME AND ADDRESS OF CONTRACTOR (No., street, co	unty, State and ZIP Cod	le)		(X) 9A. AMENDI	MENT OF SOLIC	NO MOITAE		
Southeastern Universities Research Association, Inc			ļ					
201 New York Avenue, NW				9B DATED (	SEE ITEM 11)	······································		
Suite 430				35. 57(125)	JCE 17 117			
Vashington, D.C. 20005			-	10A. MODIF	CATION OF CO	NTRACT/O	RDER NO	<del>5.</del>
				DE-AC05-	34ER40150			
	27 27 27 27 27 27 27 27 27 27 27 27 27 2				(SEE ITEM 11)			
	n was		·	^				
CODE FA	CILITY CODE			August 3,	1984			
11. THIS ITE	M ONLY APPLIES	TO A	MENDMENTS OF S					
a)By completing items 8 and 15, and returning or (c) By separate letter or telegram which includes a reference PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR rour desire to change an offer already submitted, such char umendment, and is received prior to the opening hour and d	nce to the solicitation and TO THE HOUR AND DA	nd amei	-C16661 NAV MESU 1 IN BE	OF YOUR ACKNOW	WLEDGMENT TO	O BE RECE	VED AT	THE
2. ACCOUNTING AND APPROPIRATION DATA (If required	d)					<del></del>		
ncrease of \$500,000	-,							
13. THIS ITEM C IT MODIFIES	THE CONTRACT	ORD!	DIFICATION OF CON ER NO. AS DESCRIE	BED IN ITEM 1	4.			
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.	SUANT TO: (Specify ad	thority)	THE CHANGES SET FORTI	I IN ITEM 14 ARE	MADE IN THE C	CONTRACT	order	
			1					
B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH I	N ITEM 14, PURSUANT	TO TH	E AUTHORITY OF FAR 43.	CHANGES (such a 103(b).	is changes in pa	ylng affice,		
C. THIS SUPPLEMENTAL AGREEMENT IS	S ENTERED INTO PURSU	JANT T	O AUTHORITY OF:					
D. OTHER (Specify type of modification a     Increase in obligation of funds in acco	1	79 "O	bilination of Funds "					
			s document and retu	ırn ———	copies to	the issui	ng offi	ce.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organization)	anized by UCF section h	eadings	, including solicitation/conti		where feasible.	)	,	
	SEEF	JLLOV	VING PAGES					
			,					
		!	•					
Except as provided herein, all terms and conditions of the	document referenced in	Item 9	A or 10A, as heretofore cha	anged, remains unc	hanged and in t	ull force and	effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF	F CONTRACTING C	rriuch (Type (	∿ hi€Ur)		
			James W. Skinner, Co	ontracting Officer				016-1-
15B, CONTRACTOR/OFFEROR	15C. DATE SIG	NED	16B. UNTED STATES OF	AMERICA		1160	DATE	SIGNE
·			James WX	Cinner.	4C 1	1	0/22	10
(Signature of person authorized to sign)			(Signatu	re of Contracting C	Tricer)		140	

Contract No. DE-AC05-84ER40150 Modification No. A293 Page 2 of 4

1. The amount under this contract is increased by \$500,000 from \$1,417,088,493.70 to \$1,417,588,493.70

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	250,000.00	1,250,000.00	182,444,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(500,000.00)	6,000,000.00	506,538,777.00
WA	KB0102011 (AIP)	0.00	100,000.00	9,363,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	400,000.00	3,600,000.00	116,541,059.00
WA	KB0102012 (EQU)	0.00	129,951.00	38,236,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	(150,000.00)	250,000.00	10,316,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YΑ	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
<b>3</b> T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
<b>3</b> T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T.	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0,00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

## Contract No. DE-AC05-84ER40150 Modification No. A293 Page 3 of 4

		, 1		1 460 5 01 1
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
<b>3</b> T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.60	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	
2Y	60030500 (AGR2002W005M)	0.00	0.00	87,421.00
2Y	600305000 (AGR2002W005W)	0.00		16,722.00
2Y	600305000 (OF AGR2000W002)	0.00	0.00	39,467.00
2Y			0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
, 1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
ΥA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	437,000.00	2,162,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	F\$1002000	0.00	26,000.00	481,626.00
WA	FS1002300	0.00	0.00	0.00
WA	F\$1002400	0.00	0.00	0.00
WA	FS1005000	0.00	50,000.00	973,000.00
		0.00	0.00	0.00
WA	FS1005100	0.00	0.00	0.00
WA	F\$1005500	0.00	0.00	243,000.00
WA	F\$1009000	0.00	0.00	243,000.00 0.00
WA	FS1009300	0.00	0.00	145,773.00
WV	FS1001000	0.00	0.00	0.00
WV	FS1001100	0,00	0.00	0.00

Contract No. DE-AC05-84ER40150 Modification No. A293 Page 4 of 4

Fund Type					1
WV         F\$1002000         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         0.00         1.00	Fund Type	B&R Code	Change	FY05	To Date
WV         F\$1002000         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         1.50         0.00         0.00         0.00         1.00	WV	FS1001500	0.00	0.00	0.00
WV         FS1002400         0.00         0.00         0.00           WV         FS1009000         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         35,000.00         0.00					
WV F\$109930					
WA KA140130					
WA         KA1401030         0.00         0.00         644,310.00           WA         KA1502030 (EQU EQU)         0.00         0.00         35,000.00           WA         KA1502030 (EQU EQU)         0.00         0.00         11,943.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         11,943.00           WA         KG0801000         0.00         0.00         0.00         337,800.00           WA         KJ0102000         0.00         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         0.00         0.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         0.00         534,999.00           WA         KJ0101000 (SULI)         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         0.00         722,350.00           WA         KL0201000 (STTD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         177,000.00           TF         KP1401030 (EQU)         0.00         0.00					
WA         KA1502030 (EQU EQU)         0.00         0.00         35,000.00           WA         KA1502030 (EQU EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         19,000           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0102000         0.00         0.00         0.00         155,000.00           WA         KJ0102000 (ECU)         0.00         0.00         0.00         44,745.00           WA         KJ0102000 (ECU)         0.00         0.00         0.00         534,909.00           VA         KL0101000 (SULI)         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         0.00         722,350.00           WA         KL0103000 (ESTP)         0.00         0.00         177,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         177,000.00           WA         KP4401030         0.00         0.00         2,358,000.00					
WA         KA150203 (EQU EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         0.00         1,504,346.00           WA         KJ0200000         0.00         0.00         0.00         447,745.00           WA         KL0101000 (EQU)         0.00         0.00         1,504,346.00           WA         KJ0200000         0.00         0.00         0.00         147,745.00           WA         KL0101000 (SULI)         0.00         0.00         10.00         122,618.00           WA         KL0103000 (PST)         0.00         0.00         722,350.00         WA           WA         KL0103000 (STPD)         0.00         0.00         177,000.00           WA         KL0103000 (STPD)         0.00         0.00         177,000.00           WA         KP1401030         0.00         0.00         1					
WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         182,982.00           WA         KG0801000         0.00         0.00         155,000.00           WA         KJ0102000         0.00         0.00         1,504,346.00           WA         KJ0102000 (EGU)         0.00         0.00         1,504,346.00           WA         KJ0102000 (EGU)         0.00         0.00         534,999.00           WA         KJ0101000         0.00         0.00         122,818.00           WA         KL0101000 (SULI)         0.00         0.00         722,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         177,000.00           TF         KP1401030 (EQU)         0.00         0.00         13,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010 (EGU)         0.00         0.00         175,600.00           WA         KP1402010 (EGU					
WA         KC0301030         0.00         0.00         182,982.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         0.00         1,504,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0101000         0.00         0.00         534,999.00           VV         KL0101000 (SULI)         0.00         0.00         122,618.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         177,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.00         0.00         175,600.00           WA         KP1401030 (EQU)					
WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         0.00         155,000.00           WA         KJ0102000 (EGU)         0.00         0.00         0.00         47,745.00           WA         KJ020000         0.00         0.00         0.00         534,909.00           4V         KL0101000 (SULI)         0.00         0.00         0.00         722,350.00           WA         KL0103000 (PST)         0.00         0.00         177,000.00         0.00         177,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00         0.00         177,000.00           WA         KP1401030         0.00         0.00         177,000.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2.358,000.00         920,000.00           WA         KP1401030 (EGU)         0.00         0.00         2.358,000.00         920,000.00           WA         KP1402010 (EGU)         0.00         0.00         439,400.00         0.00         439,400.00         0.00         40					
WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         0.00         1,504,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0103000 (PST)         0.00         0.00         172,350.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         17,000.00           WA         KP1401030         0.00         0.00         13,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010 (EQU)         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         4861.00           WA         KT0101014         0.00         0.00         412,000.00           WA         KT0101019 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
WA         KJ0102000 (EQU)         0.00         0.00         1,504,346.00           WA         KJ0102000 (EQU)         0.00         0.00         534,999.00           4V         KL0101000 (SULI)         0.00         0.00         122,618.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0103000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030         0.00         0.00         22,350,000.00           WA         KP1401030         0.00         0.00         22,000.00           WA         KP1401030         0.00         0.00         220,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         4,000.00           WA         KS0101000 (EQU) <t< td=""><td></td><td>•</td><td></td><td></td><td></td></t<>		•			
WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           AV         KL0101000 (SULI)         0.00         0.00         722,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030 (EQU)         0.00         0.00         2.358,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         439,400.00           WA         KT0101014         0.00         0.00         48,00           WA         KT0101017         0.00         0.00         48,00           WA         KT0101012 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
WA         KJ0200000         0.00         0.00         534,999.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010 (EQU)         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         4,000.00           WA         KS01101001 (EQU)         0.00         0.00         380,000.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101012		•			
AV         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         0.00         722,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         92,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         40,000.00           WA         KS0101000 (EQU)         0.00         0.00         4,000.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         380,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101012         0.00 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
WA         KL0101000 (SULI)         0.00         0.00         722,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1402010         0.09         55,000.00         920,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EGU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         439,400.00           WA         KS0101000 (EGU)         0.00         0.00         40,000.00           WA         KS0101001 (EGU)         0.00         0.00         412,000.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00<					
WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010 (EQU)         0.00         0.00         175,600.00           WA         KS0101000         0.00         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         380,000.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0101012         0.00         0.00         87,300.00           TF         KV0101014         0.00         0.00         820,000.00           YA					
WA         KL0201000 (LSTPD)         0.00         0.00         177,000.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.09         55,000.00         920,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         0.00         4000.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         9,702.00           WA         KT0101012         0.00         0.00         972.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX031					
TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.09         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0201013         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101014         0.00         0.00         88,000.00           TF         KV0101014         0.00         0.00         5,000.00           WA         KX0310211         0.00         0.00		· · · · · · · · · · · · · · · · · · ·			
WA         KP1401030         0.00         0.00         2,358,000.00           WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         380,000.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101014         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         5,000.00           YA         WB0100000         0.00         5,000.00         612,000.00           YA         WB0100000         0.00         0.00         160,000.00         160,000.00           SA <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
WA         KP1401030 (EQU)         0.00         55,000.00         920,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101014         0.00         0.00         280,000.00           YA         WS010000         0.00         5,000.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         YN1901000         0.00         0.00         125,000.00           YZ         YN1901000 (TSKCALDIPAC)         0.00					
WA         KP1402010 (EGU)         0.00         0.00         175,600.00           WA         KP1402010 (EGU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EGU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0201013         0.00         0.00         9,702.00           WA         KT0201012         0.00         0.00         87,300.00           TF         KV0101014         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         125,000.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKCLDIPAC)         0.00					•
WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         5,000.00           WA         KX0310211         0.00         0.00         5,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         116,000.00           SA         YN1901000         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         487.00           YZ         YN1901000 (TSKER40150TJ		·			
WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         612,000.00           YA         WB0100000         0.00         0.00         16,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKER40150111JJ)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER401501JA					
WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKER401501111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER401507JAAA)         0.00         0.00         2,057,109.00           YZ					
WA         KT0101014         0.09         0.00         380,000.00           WA         KT0101017         0.09         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000         (TSKOLDIPAC)         0.00         0.00         413,7,378.00           YZ         YN1901000 (TSKER401501111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         2,057,109.00           YZ					
WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (TSKOLDIPAC)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKER401501111J)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ					
WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
WA         KT0101025         0.00         0.00         9,702.00           WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKCLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
WA         KT0201013         0.00         0.00         87,300.00           TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					•
TF         KV0101012         0.00         0.00         280,000.00           TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
TF         KV0101014         0.00         0.00         612,000.00           WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         500,000.00         500,000.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
WA         KX0310211         0.00         0.00         5,000.00           YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         0.00         125,000.00           SA         YN1901000         0.98,652.00         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
YA         WB0100000         0.00         0.00         116,000.00           SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         487.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
SA         WN0219080 (AGRSURA2002W001)         0.00         0.00         125,000.00           SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         487.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
SA         YN1901000         0.00         0.00         98,652.00           SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         487.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
SA         YN1901000 (39BP BP90)         0.00         0.00         4,137,378.00           YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         487.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
YZ         YN1901000 (TSKOLDIPAC)         0.00         0.00         419,622.00           YZ         YN1901000 (TSKER40150I111J)         0.00         0.00         3,505.00           YZ         YN1901000 (TSKER40150JLAAA)         0.00         0.00         487.00           YZ         YN1901000 (TSKER40150TJAAA)         0.00         0.00         2,057,109.00           YZ         YN1901000 (TSK4400000101)         500,000.00         500,000.00         500,000.00					
YZ       YN1901000 (TSKER40150I111J)       0.00       0.00       3,505.00         YZ       YN1901000 (TSKER40150JLAAA)       0.00       0.00       487.00         YZ       YN1901000 (TSKER40150TJAAA)       0.00       0.00       2,057,109.00         YZ       YN1901000 (TSK4400000101)       500,000.00       500,000.00       500,000.00		•			
YZ       YN1901000 (TSKER40150JLAAA)       0.00       0.00       487.00         YZ       YN1901000 (TSKER40150TJAAA)       0.00       0.00       2,057,109.00         YZ       YN1901000 (TSK4400000101)       500,000.00       500,000.00       500,000.00					
YZ YN1901000 (TSKER40150TJAAA) 0.00 0.00 2,057,109.00 YZ YN1901000 (TSK4400000101) 500,000.00 500,000.00 500,000.00		,			
YZ YN1901000 (TSK4400000101) 500,000.00 500,000.00 500,000.00					
TOTAL \$ 500,000.00 \$12,397,951.00 \$1,417,588,493.70		,			
		TOTAL	\$ 500,000.00	\$12,397,951.00	\$1,417,588,493.70

AMENDMENT OF	SOLICITATION/	MODIFICATION	OF CONTRACT	1. CONTRACT ID	CODE	PAGE OF PAGE	AGES 4
2. AMENDMENT/MODIFICATION A294	NO.	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJEC	CT NO. (If applicble)	
6. ISSUED BY	CODE	000 DIK 100	7. ADMINISTERED BY (II	other than Item 6)	CODE		
U.S. Department of Energy		<u> </u>					
TJNAF Site Office							
12000 Jefferson Avenue							
Newport News, VA 23606							
8. NAME AND ADDRESS OF CON	TRACTOR (No., street, cou	ntv. State and ZIP Code)		(X) 9A. AMENDA	IENT OF SOLIC	CIATION NO	
Southeastern Universities Res		my, ordro zija zij godaj		12) John America	TENT OF SOLIC	JATION NO.	
1201 New York Avenue, NW	,,,,						
Suite 430				9B. DATED (S	SEE ITEM 11)	****	
Washington, D.C. 20005							
vasimgton, b.c. 20005				10A. MODIFI	CATION OF CO	NTRACT/ORDER NO	
					4ER40150		
				X 10B. DATED	(SEE ITEM 11)		
CODE		LITY CODE	AMENDMENTS OF	August 3, 1			
	II. INISTIEN	ONLY APPLIES TO	AMENDMENTS OF	BULICITATION	3		
The above numbered solicitat	ion is amended as set forth	in Item 14. The hour and d	late specified for receipt of (	Offers Is	extended,	is not extended.	
Offers must acknowledge receipt o					ollowing metho	ds:	
(a)By completing items 8 and 15,	and returning	copies of the amendment; (t	) By acknowledging receipt	of this amendment o	n each copy of	the offer submitted;	
or (c) By separate letter or telegrar PLACE DESIGNATED FOR THE RE your desire to change an offer alre amendment, and is received prior	CEIPT OF OFFERS PRIOR T ady submitted, such chang	O THE HOUR AND DATE SI e may be made by telegram	PECIFIED MAY RESULT IN F	EJECTION OF YOUR	OFFER. If by	virtue of this amendn	nent
12. ACCOUNTING AND APPROPI	RATION DATA (If required)		***************************************				
ncrease of \$545,631.07							
			DIFICATION OF CO DER NO. AS DESCRI				
CHECK ONE A. THIS CHANG NO. IN ITEM		JANT TO: (Specify authority	r) THE CHANGES SET FORT	H IN ITEM 14 ARE N	IADE IN THE C	ONTRACT ORDER	
			LECT THE ADMINISTRATIVI HE AUTHORITY OF FAR 43.		changes in pay	ying office,	
		NTERED INTO PURSUANT	TO AUTHORITY OF:				
	ify type of modification and ration of funds in accord	l authority) lance with Clause I.79 "€	Obligation of Funds "		•		
E. IMPORTANT: Contract			is document and retu	ırn ——	copies to ti	he issuing office	e.
14. DESCRIPTION OF AMENDMEN						-	
	twight		WING PAGES	<b>,</b>			
Except as provided herein, all term		cument referenced in Item 9					
15A. NAME AND TITLE OF SIGNI	-Η ((ype or print)		16A. NAME AND TITLE OF	CONTRACTING OF	FIGER (Type or	prest)	
			James W. Oldense. O.	mine eline Office -			
1EQ CONTRACTOR/OFFFROD		15C. DATE SIGNED	James W. Skinner, Co	MERICA		116C. DATE SIG	GNED
158. CONTRACTOR/OFFEROR		150. DATE SIGNED	IN IA	XIII III		I	
(Signature of person	authorized to sign)		(Signatur	e of Contracting Offi	cer)	11/3/	04
faifingraig at haisait	and the transfer of the second	1	I I /				-

NSN 7540-01-152-8070 Previous edition unusable

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification No. A294 Page 2 of 4

1. The amount under this contract is increased by \$545,631.07 from \$1,417,588,493.70 to \$1,418,134,124.77 As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	1,250,000.00	182,444,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	6,000,000.00	506,538,777.00
WA	KB0102011 (AIP)	0.00	100,000.00	9,363,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	3,600,000.00	116,541,059.00
WA	KB0102012 (EQU)	0.00	129,951.00	38,236,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	250,000.00	10,316,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	- 0,00 <b>)</b>	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	<b>0.00</b>	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
	400403309 (AGRN00014-03-1-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-1-01711)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-1-0171Q)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171S)	545,631.07	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171T)	0.00	0.00	718,446.60
3T	400403309 (AGSURA03W002)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR000096)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	-,, ····

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OF AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OF AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (GF 7(GR)504001)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS0003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA20025003)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (ACROSTRAZSO43002)	0.00	0.00	5,915.00
1Y	650102000 (OF AGROU-004) 650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER4015011111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	437,000.00	2,162,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	26,000.00	481,626.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	50,000.00	973,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	0.00	243,000.00
* */ `	· ····································			

Contract No. DE-AC05-84ER40150 Modification No. A294 Page 4 of 4

				ruge rot r
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
wv	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
W	F\$1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
WA		0.00		35,000.00
WA	KA1502030 (EQU EQU)		0.00	90,000.00
	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150l111J)	0.00	0.00	3,505.00
ΥZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
	TOTAL	\$ 545,631.07	\$12,943,582.07	\$1,418,134,124.77

AMENDMENT OF SOLICITATION	N/MODIFICATION	OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REQ. NO. 15. PRO	JECT NO. (if applicable)
A295	See Blk 16C			
6. ISSUED BY CODE		7. ADMINISTERED BY (I	other than Item 6) CODE	
U.S. Department of Energy				<u> </u>
TJNAF Site Office				
12000 Jefferson Avenue				
Newport News, VA 23606 B. NAME AND ADDRESS OF CONTRACTOR (No., street, a			(X) [9A. AMENDMENT OF SO	LICIATION NO
Southeastern Universities Research Association, It	••		(X) 9A. AMENDMENT OF SO	CICIATION NO.
·	10.			
1201 New York Avenue, NW			9B. DATED (SEE ITEM 11	)
Suite 430				
Washington, D.C. 20005			10A. MODIFICATION OF	CONTRACT/ORDER NO.
			DE-AC05-84ER40150	)
			X 10B. DATED (SEE ITEM 1	1)
	FACILITY CODE		August 3, 1984	
11. THIS IT	EM ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRICE your desire to change an offer already submitted, such channendment, and is received prior to the opening hour and [2]. ACCOUNTING AND APPROPIRATION DATA (If required)	ange may be made by telegram date specified.	or letter, provided each tele	egram or letter makes reference to	o the solicitation and this
	ea)			
ncrease of \$3,007,000	ONLY APPLIES TO MO	ODIFICATION OF CO	NTD A CTC/ODDEDC	
IT MODIFIES	S THE CONTRACT/ORD	DER NO. AS DESCRI	BED IN ITEM 14.	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PU NO, IN ITEM 10A.	RSUANT TO; (Specify authority	y) THE CHANGES SET FORT	'H IN ITEM 14 ARE MADE IN THI	E CONTRACT ORDER
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43	_	paying office,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY OF:		
D. OTHER (Specify type of modification	and authority)			
X Increase in obligation of funds in acc		Obligation of Funds "		
				a de la companya de l
E. IMPORTANT: Contractor X is not,	is required to sign th	nis document and ret	urn ——— copies to	the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Or			tract subject matter where feasible	le.)
	SEE FOLLO	WING PAGES		
		NA 40A lt-faum -l-		full force and offers
Except as provided herein, all terms and conditions of the	gocument referenced in Item 9		anged, remains unchanged and in F CONTRACTING OFFICER (Type	
15A. NAME AND TITLE OF SIGNER (Type or print)		I OM. HANE MAD (TILE O	. Solition with the oil form (1) the	Personal
		James W. Skinner, C	ontracting Officer	
15B, CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF		16C. DATE SIGNE
CONTINUING CONTINUING		James IN1	Shines	
(Clarature of person adherized to sign)		Signati	Te of Contracting Officer)	11-30-04

Contract No. DE-AC05-84ER40150 Modification No. A295 Page 2 of 4

1. The amount under this contract is increased by \$3,007,000.00 from \$1,418,134,124.77 to \$1,421,141,124.77.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	900,000.00	2,150,000.00	183,344,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	300,000.00	6,300,000.00	506,838,777.00
WA	KB0102011 (AIP)	100,000.00	200,000.00	9,463,000.00
AW	KB0102011 (GPP)	0.00	0.00	7,924,000.00
AW	KB0102012	300,000.00	3,900,000.00	116,841,059.00
WA	KB0102012 (EQU)	447,000.00	576,951.00	38,683,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	700,000.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	75,000.00	325,000.00	10,391,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
ΥA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΥA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3Т	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3Т	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

Contract No. DE-AC05-84ER40150 Modification No. A295 Page 3 of 4

Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1 <b>Y</b>	650102000 (AGR980003)	0.00	0.00	27,180.00
1 <b>Y</b>	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004\$002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER4015011111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	C\$502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00 0.00
ΥA	EB550000	0.00	0.00	339,063.00
YA	EB5501000	0.00	0.00 0.00	104,537.00
YA	EB5502000	0.00 0.00	0.00	25,000.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	50,000.00
TE	EW09MM090	20,000.00	457,000.00	2,182,374.00
WA \MA	FS1001000	0.00	0.00	0.00
WA	F\$1001100	0.00	0.00	0.00
WA MA	F\$1001500	30,000.00	56,000.00	511,626.00
WA	F\$1002000	60,000.00	60,000.00	60,000.00
WA	FS1002000 (GPP)	0.00	0.00	0.00
WA	F\$1002300	0.00	0.00	0.00
WA WA	F\$1002400	50,000.00	100,000.00	1,023,000.00
WA	FS1005000 FS1005100	0.00	0.00	0.00
WA	mg 1000 100	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150 Modification No. A295 Page 4 of 4

				1 age 4 01 4
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005500	0.00	0.00	0.00
WA	F\$1009000	25,000.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
W	FS1001000	0.00	0.00	145,773.00
W	FS1001100	0.00	0.00	0.00
W	FS1001500	0.00	0.00	0.00
W	FS1002000	0.00	0.00	81,000.00
W	FS1002400	0.00	0.00	0.00
W	FS1009000	0.00	0.00	9,000.00
W	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
4∨ WA	KL0101000 (SULI)	4 0.00	0.00	722,350.00
₩A WA	KL0103000 (SBE)	0.00	0.00	40,000.00
\ <b>V</b> A \ <b>V</b> A	KL0201000 (FST) KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
۱۸۸	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
\VA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
\NA	KS0101000	0.00	0.00	4,000.00
		0.00	0.00	6,861.00
WA	KS0101000 (EQU)	0.00	0.00	380,000.00
\VA	KT0101014	0.00	0.00	412,000.00
WA	KT0101017	0.00	0.00	5,000.00
WA MA	KT0101019	0.00	0.00	9,702.00
\WA	KT0101025 KT0201013	0.00	0.00	87,300.00
WA TF	KV0101012	0.00	0.00	280,000.00
		0.00	0.00	612,000.00
TF	KV0101014	0.00	0.00	5,000.00
WA	KX0310211 WB0100000	0.00	0.00	116,000.00
YA		0.00	0.00	125,000.00
SA	WN0219080 (AGRSURA2002W001) YN1901000	0.00	0.00	98,652.00
SA	* *	0.00	0.00	4,137,378.00
SA	YN1901000 (39BP BP90)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	2,057,109.00
YZ YZ	YN1901000 (TSKER40150TJAAA) YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
	TOTAL	\$ 3,007,000.00	\$15,950,582.07	\$1,421,141,124.77

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE PAGE OF PAGE			F PAGES	
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT	NO. (If appl	ichle)
A296 B. ISSUED BY CODE	See Blk 16C	7. ADMINISTERED BY (If	other than Item Al	CODE	<u> </u>	
		- ADMINIO ENED DI (III	Differ than item of	OODL	L	
U.S. Department of Energy						
TJNAF Site Office						
12000 Jefferson Avenue		1				
Newport News, VA 23606						
NAME AND ADDRESS OF CONTRACTOR (No., street, c	,		(X) 9A. AMENDMEN	IT OF SOLICIA	TION NO.	
Southeastern Universities Research Association, In	c.					
201 New York Avenue, NW		1	9B. DATED (SEE	ITEM 11)	<del></del>	
Suite 430			SB. DATED (SEE	FFCIVE 117		
Washington, D.C. 20005		-	10A. MODIFICA	TION OF CON	TRACT/ORD	FR NO.
			DE-AC05-84E		(14(3),5,15	_,,,,,
			X 10B. DATED (SE			
			^			
CODE F	ACILITY CODE		August 3, 198	4		
·	M ONLY APPLIES TO	AMENDMENTS OF S				
	ONLY APPLIES TO MO	DER NO. AS DESCRIE	BED IN ITEM 14.		NTRACT OR	DER
B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT I	IN ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43.		anges in paylr	ng office,	
D. OTHER (Specify type of modification						
X Increase in obligation of funds in acco	ordance with Clause I.79 "C	Obligation of Funds."				
E. IMPORTANT: Contractor X is not,	•	is document and retu		opies to the	e issuing	office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Org		s, including solicitation/contr WING PAGES	act subject matter whe	re feasible.)		
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	document referenced in Item 9	DA or 10A, as heretofore cha	nged, remains unchang CONTRACTING OFFIC	ed and in full t ER (Type or p	force and eff	ect.
The state of the s						
		James W. Skinner, Co	ntracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	100 UNITED STATES OF			16C. D.	ATE SIGNE
		Janes he	Vannes		دا ا	-1-0
(Signature of person authorized to sign)		(Signatur	e of Contracting Office	r)	1 6-	7 0

V

NSN 7540-01-152-8070 Previous edition unusable

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification No. A296 Page 2 of 4

1. The amount under this contract is increased by \$136,726.00 from \$1,421,141,124.77 to \$1,421,277,850.77.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,150,000.00	183,344,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	6,300,000.00	506,838,777.00
WA	KB0102011 (AIP)	0.00	200,000.00	9,463,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	3,900,000.00	116,841,059.00
WA	KB0102012 (EQU)	0.00	576,951.00	38,683,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	325,000.00	10,391,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
ΥA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
ΥA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΥA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T .	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

Contract No. DE-AC05-84ER40150 Modification No. A296 Page 3 of 4

Fund Type	Dan Code	<b>O</b> 1	PM 2 A A	
	B&R Code	<u>Change</u>	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2 <b>Y</b>	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	76,726.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	30,000.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	30,000.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	C\$502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
ΥA	EB5501000	0.00	0.00	339,063.00
ΥA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	457,000.00	2,182,374.00
WA	FS1001100	0.00	0.00	0.00
WA	F\$1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	0.00	60,000.00	60,000.00
WA	FS1002300	0.00	0.00	0.00
V V/~			0.00	0.00

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Contract No. DE-AC05-84ER40150 Modification No. A296

				2 000 1 01 1
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005000	0.00	100,000.00	1,023,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
<b>WA</b>	FS1009300	0.00	0.00	
<b>W</b>	FS1001000	0.00	0.00	0.00
WV	FS1001100	0.00	0.00	145,773.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	0.00
W	FS1002400	0.00		81,000.00
W	FS1009000	0.00	0.00	0.00
WV	FS1009300	0.00	0.00	9,000.00
\ <b>V</b> A	KA1401030		0.00	0.00
WA	KA1502030	0.00	0.00	644,310.00
WA	KA1502030 (EQU)	0.00	0.00	35,000.00
\WA	KC0204018	0.00	0.00	90,000.00
WA	KC0301030	0.00	0.00	11,943.00
WA	KG0801000	0.00	0.00	182,982.00
WA	KJ0101030	0.00	0.00	337,800.00
WA	KJ0102000	0.00	0.00	155,000.00
WA	KJ0102000 (EQU)	0.00	0.00	1,504,346.00
WA	KJ0200000	0.00	0.00	44,745.00
4V		0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA WA	KL0103000 (PST)	0.00	0.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	0.00	177,000.00
WA	KP1104010	0.00	0.00	13,000.00
	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
<b>WA</b>	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	
SA	YN1901000	0.00	0.00	125,000.00
SA	YN1901000 (39BP BP90)	0.00		98,652.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	419,622.00
ΥZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	3,505.00
ΥZ	YN1901000 (TSKER40150TJAAA)		0.00	487.00
ΥZ	YN1901000 (TSK4400000101)	0.00	0.00	2,057,109.00
	,	0.00	500,000.00	500,000.00
	TOTAL	\$ 136,726.00	\$16,087,308.07	\$1,421,277,850.77

AMEN	DMENT OF SOLICITATIO	MODIFICATION (	F CONTRACT	TRACT ID CO	DOE PAGE OF PAGES
2. AMENDMEN	VT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PUR	CHASE REQ. NO.	5. PROJECT NO. (If applicable)
	A297	See Blk 16C	İ		
6. ISSUED BY	CODE		7. ADMINISTERED BY	(If other than Item 6)	CODE
U.S. Departn	nent of Energy		7		
TJNAF Site (	Office			•	
12000 Jeffer	son Avenue				
Newport New	vs, VA 23606				
8. NAME AND	ADDRESS OF CONTRACTOR (No., street, cou	inty, State and ZIP Code)		(X) 9A. AMENDME	NT OF SOLICIATION NO.
Southeastern	universities Research Association, Inc.				
1201 New Yo	ork Avenue, NW			9B. DATED (SE	EITEM 11)
Suite 430				35. 04 (52	enem ()
Washington,	D.C. 20005			10A. MODIFICA	ATION OF CONTRACT/ORDER NO.
				DE-AC05-84	ER40150
				X TOB. DATED (S	EE ITEM 11)
				_	
CODE	1	CILITY CODE  # ONLY APPLIES TO	AMENDMENTS	August 3, 19	84
	17. 1713 1120	ONLI AFFLICS TO	AMENDMENTO	7 SOCIOTATIONS	
Offers must ac (a)By completin	ata latter or telegram which includes a referen	the hour and date specified i copies of the amendment; (b	n the solicitation or as a ) By acknowledging recond	mended, by one of the folloping of this amendment on	each copy of the offer submitted;
PLACE DESIGN your desire to	ate letter or telegram which includes a releter in ATED FOR THE RECEIPT OF OFFERS PRIOR change an offer already submitted, such chang and is received prior to the opening hour and da	FO THE HOUR AND DATE SE Je may be made by telegram	ECIFIED MAY RESULT	IN REJECTION OF YOUR C	IFFEH. It by virtue of this amendment
12. ACCOUNT	ING AND APPROPIRATION DATA (If required)				
Increase of \$					
		NLY APPLIES TO MO THE CONTRACT/ORD			
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.	UANT TO: (Specify authority	THE CHANGES SET FO	ORTH IN ITEM 14 ARE MA	DE IN THE CONTRACT ORDER
J <del></del>	B. THE ABOVE NUMBERED CONTRACT/O	RDER IS MODIFIED TO REFL	ECT THE ADMINISTRA	TIVE CHANGES (such as c	hanges in paying office,
	appropriation date, etc.) SET FORTH IN			43.103(ы).	
	C. THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	O AUTHORITY OF:		
	D. OTHER (Specify type of modification an	d authority)			
Х	Increase in obligation of funds in accord	dance with Clause 1.79 "C	bligation of Funds."		
E. IMPORT		is required to sign thi		eturn c	opies to the issuing office.
14. DESCRIPT	ION OF AMENDMENT/MODIFICATION (Organ		, including solicitation/c	ontract subject matter wh	ere feasible.)
•		John St. T. Washin V.			
	·				
Evcent as prov	ided herein, all terms and conditions of the do	cument referenced in Item 9	or 104 as heretofore	changed remains unchang	ned and in full force and effect.
	ND TITLE OF SIGNER (Type or print)			OF CONTRACTING OFFI	
LED CONTON	CTOP/OFFEDOR	ISC DATE SIGNED	James A. Turi, Adn	ninistrative Contracting	Officer 16C, DATE SIGNED
15B. CONTHA	CTOR/OFFEROR	15C. DATE SIGNED	TOB, UNITED STATES	IN A TU	A LAL
(S	ignature of person authorized to sign)		(Sign	ature of Contracting Office	12/ 9/09
NSN 7540-01-			1/	STA	NDARD FORM 30 (REV. 10-83)
Previous editio			<b>~</b>	Preso	ribed by GSA FAR (48 CFR) 53.243

Co. act No. DE-AC05-84ER40150 Modification No. A297 Page 2 of 4

1. The amount under this contract is increased by \$1,165,000.00 from \$1,421,277,850.77 to \$1,422,442,850.77. As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

DOE/TJNAF SITE OFC

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,150,000.00	183,344,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	715,000.00	7,015,000.00	507,553,777.00
WA	KB0102011 (AIP)	0.00	200,000.00	9,463,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	400,000.00	4,300,000.00	117,241,059.00
WA	KB0102012 (EQU)	0.00	576,951.00	38,683,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	325,000.00	10,391,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
ΥA	392100000°	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
<b>3</b> T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
<b>3</b> T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
<b>3T</b>	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

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				- 301 0 0 1
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
<b>3</b> T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
<b>3</b> T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
ΥA	EB5501000	0.00	0.00	339,063.00
ΥA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	457,000.00	2,182,374.00
WA	FS1001000	0.00	0.00	0.00
WA	FS1001100		0.00	0.00
		0.00		
WA	FS1002000	0.00	56,000.00	511,626.00
WA MA	FS1002000 (GPP)	0.00	60,000.00	60,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00

Cc act No. DE-AC05-84ER40150 Modification No. A297 Page 4 of 4

	•			1 age + 01 +
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005000	0.00	100,000.00	1,023,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
W	FS1001000	0.00	0.00	145,773.00
W	FS1001000	0.00	0.00	0.00
W	FS1001500	0.00	0.00	0.00
W	FS1001000	0.00	0.00	81,000.00
W	FS1002400	0.00	0.00	0.00
	FS1002400 FS1009000	0.00	0.00	9,000.00
W		0.00	0.00	0.00
W	FS1009300	0.00	0.00	644,310.00
WA	KA1401030	0.00	0.00	35,000.00
WA	KA1502030	0.00	0.00	90,000.00
WA	KA1502030 (EQU)	0.00	0.00	11,943.00
WA	KC0204018	0.00	0.00	182,982.00
WA	KC0301030	0.00	0.00	337,800.00
WA	KG0801000	0.00	0.00	155,000.00
WA	KJ0101030		0.00	1,504,346.00
WA	KJ0102000	0.00	0.00	44,745.00
WA	KJ0102000 (EQU)	0.00	0.00	534,909.00
WA	KJ0200000	0.00	0.00	122,618.00
4V	KL0101000	0.00	0.00	722,350.00
WA	KL0101000 (SULI)	0.00	0.00	40,000.00
WA	KL0103000 (PST)	0.00	0.00	177,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	13,000.00
TF	KP1104010	0.00		2,408,000.00
WA	KP1401030	50,000.00	50,000.00	920,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	· ·
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
· WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
~~SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
	TOTAL	\$ 1,165,000.00	\$17,252,308.07	\$1,422,442,850.77

2. AMENDMENT	DMENT OF SOLICITATION	I/MODIFICATION C	OF CONTRACT	1. CONTRACT ID CO	DE (F	PAGE OF PAGE
	MODIFICATION NO. M298	3. EFFECTIVE DATE October 1, 2004	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT N	IO. (If applicable)
SUED BY	CODE		7. ADMINISTERED BY (I	other than Item 6)	CODE	
✓ U.S. De	partment of Energy		7		-	
	Site Office					
	lefferson Avenue					
	t News, VA 23606					
•	DDRESS OF CONTRACTOR (No., street, c	ounty State and ZIP Code)	<u> </u>	(X) 9A. AMENDMEN	T OF SOLICIAT	ION NO
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Souther	astern Universities Research A	Association, Inc.				
	ew York Avenue, NW			9B. DATED (SEE	ITEM 11)	
Suite 43						
	- "			10A, MODIFICA	TION OF CONT	RACT/ORDER NO.
vvasnin	gton, DC 20005			DE-AC05-8		
				X 10B. DATED (SE	E ITEM 11)	
ODE		ACILITY CODE		August 3, 1	984	
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS		
The above	numbered solicitation is amended as set for	th in Item 14. The hour and d	ate specified for receipt of (	Offers I is set	ended.	is not extended.
	nowledge receipt of this amendment prior					is not exterior.
	z items 8 and 15, and returning	copies of the amendment; (b				offer submitted
r Iol Ry congrat	to letter or telegram which includes a refer	ence to the solicitation and ame	endment numbers. FAILUR	OF YOUR ACKNOWLE	DOMENT TO BE	RECEIVED AT TH
LACE DESIGNA our desire to ch	ATED FOR THE RECEIPT OF OFFERS PRIOR hange an offer already submitted, such cha d is received prior to the opening hour and	R TO THE HOUR AND DATE SP nge may be made by telegram	PECIFIED MAY RESULT IN F	IFJECTION OF YOUR OF	FFR. If by virtu	ie of this amendme
2 ACCOUNTIL	NG AND APPROPIRATION DATA (If require	od)				<del></del>
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***************************************	N/A	ONLY APPLIES TO MO	DIFICATION OF CO	NTD A CTC (ODDED		······································
	IT MODIFIES	THE CONTRACT/ORD	DER NO. AS DESCRI	BED IN ITEM 14.	·3.	
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PUR				E IN THE CONT	TRACT ORDER
OHEOR ONE	NO. IN ITEM 10A.					
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	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO TH	HE AUTHORITY OF FAR 43	E CHANGES (such as ch .103(b).	anges in paying	office,
	appropriation date, etc.) SET FORTH  C. THIS SUPPLEMENTAL AGREEMENT I	IN ITEM 14, PURSUANT TO THE S ENTERED INTO PURSUANT	HE AUTHORITY OF FAR 43	.103(b).		
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# JEFFERSON LAB FY2005 APPENDIX B

U. S. Department of Energy's



THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

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### Performance Evaluation by Performance-Based Metrics

#### General

This Appendix sets forth the basis upon which an evaluation of the performance of the Thomas Jefferson National Accelerator Facility (otherwise known as "Jefferson Lab;" formerly CEBAF) will be conducted as required by contract Clause H-32 (Use of Objective Standards of Performance, Self Assessment and Performance Evaluation) and Clause H-31 (Performance Measure Review) of the contract. The evaluation procedure described below utilizes a set of "key indicators" which will broadly measure the laboratory's performance in six critical areas. Associated with most "key indicators" (both peer reviews and performance metrics) is a set of "secondary indicators" which will measure the laboratory's performance in a more detailed way and extend the validity of each respective "key indicator." As it relates to Clause H-32 of the contract and the peer review process for the Business and Administrative Practices and Responsible Institutional Management sections of the Performance Evaluation Plan, the parties agree that: (i) the panel will be selected by mutual agreement; and (ii) DOE will concur with the official charge to the panel prior to issuance by SURA.

The Summary of Performance Measures, shows the six performance objectives of this contract and their corresponding key indicators. Following this table are six sections elaborating on each key indicator and listing the associated secondary indicators with established performance goals, where appropriate. A system for scoring performance in the six categories and for integrating these scores into an overall evaluation rating for each performance period is provided under the subheading "Scoring Methodology." The parties agree to adhere to this system in arriving at the overall evaluation of the laboratory's performance against these measures. The schedule for performing the Laboratory evaluation is provided under the subheading "Appendix B Annual Appraisal Timeline." It is the intent of the parties to strictly adhere to this schedule although either party may request a revision to the proposed schedule.

For FY05, performance measures have been established in accordance with the annual reassessment process outlined in the paragraph entitled "Periodic Reassessment" and the FY04 results. The FY05 performance goals have been set based on: (i) the outcome of the FY04 performance measures in relation to the FY04 performance goals; and, (ii) other pertinent data.

#### **Goal Setting**

The primary considerations for selecting performance measures and setting goals at Jefferson Lab are:

Performance measures should provide accurate, valid measures of performance in areas of importance to DOE and Laboratory management.

The total set of measures should reflect priorities of DOE and Laboratory management and a proper balance of cost-benefit and return-on-investment.

Setting goals that optimize the Laboratory's overall performance in the contexts of its mission frequently yields a more desirable result than setting goals that stress maximum quantitative performance in narrow areas. For instance, simply pushing for maximum accelerator availability might penalize highly specialized or difficult experiments with high scientific merit or impede



accelerator development. In other areas, pushing for unreasonably high quantitative goals might divert limited resources from other more mission-oriented activities with little or no benefit.

The broader the base of comparison of Jefferson Lab's performance with similar institutions, the greater the possibility of learning improved ways of performing activities and how important it is to perform those activities.

Comparison with other facilities is most effective when objectives, constraints and hazards at the facilities are similar, or normalization is relatively simple.

The performance measures, the comparison base, and the goals should be selected keeping in mind the ease of obtaining current comparison data.

Given these considerations, the DOE and SURA have agreed that the primary use of performance measures will be to compare the Laboratory's performance against the mission objectives of the Laboratory, taking into account the maturity of its various programs (e.g., the criteria to achieve an "outstanding" rating for a mature program would be different from that for a young program). The allocation of points among the performance objective categories is the first indication of this value judgment. The DOE/Laboratory Performance Measurement Teams were advised to select as broad a comparison area as practical in order to maximize the opportunity to improve systems and processes and to define the performance measures and set the goals with the intent of enhancing the Lab's performance toward achieving its mission. While this approach requires a considerable exercise of judgment and somewhat limits a direct comparison with other facilities based on score, it presents the best opportunity to improve the overall performance of the Laboratory. This approach results in a mixture of broad performance measures where Laboratory performance can be quantitatively compared with other DOE and/or industrial facilities (such as property loss ratios), and measures that are much more unique to the mission of this Laboratory (such as Reliable Experimental and Accelerator Operations, Production of Scientific and Technical Manpower and Technology Transfer). A practice used extensively at Jefferson Lab that combines broad measures with measures very closely tailored to the mission of the Laboratory is the Peer Review. Depending on the function or category under review, technical and/or management personnel with similar responsibilities at other facilities review the Laboratory's performance as prescribed in a carefully constructed charter and arrive at a score or adjectival rating for that function or category. This practice makes available the experience and expertise of nationally recognized experts in various fields and provides maximum opportunity for knowledgeable feedback leading to performance improvement.

#### Performance Report

The Contractor will report on the results of its performance as defined by Appendix B at the end of each fiscal year. This Performance Report should include for each performance category, in addition to actual performance metric scores and/or peer review results, an overview self-assessment which includes: a brief description of major achievements; significant strengths and weaknesses; the status of responses to recommendations from the Peer Reviews; an assessment of whether the performance measures were valid indicators of performance; other lessons learned; principal areas of emphasis for improve ement during the following fiscal year; and any recommended changes in performance measures or goals for the following fiscal year. A discussion of the Laboratory's overall performance and the major areas Lab-wide that SURA perceives as the most important focus areas for the upcoming performance period also will be included.

t d department tacopy. Gofferson Lab

Jefferson Lab FY05 Appendix B

The DOE will use the Contractor's Performance Report along with other inputs to evaluate the Contractor's overall performance for each evaluation period. These other inputs include observations and results of inspections conducted by the Site Office staff, and programmatic/functional appraisals and reviews coordinated by the Site Office. As a means of incorporating these additional considerations, the parties have agreed that the Contracting Officer will develop a performance report that will supplement the product of the performance measure process. This report will capture the highlights of the DOE Site Office observations/reviews, results of DOE appraisals, as well as other important information (including mitigating factors or events that may be outside the control of the Contractor) that will be used to balance the overall performance assessment for the year. This report will include a discussion of performance against regulatory and contract requirements that were not defined in terms of performance measures. The parties agree that the results from these assessment inputs could change the category rating and/or overall performance.

#### Periodic Reassessment

The parties also agree to a reassessment of these performance measures prior to the beginning of each evaluation period. In particular, the parties agree to:

- 1. Assess the validity of each respective indicator as an accurate and meaningful reflector of performance (using the detailed secondary indicators and other criteria) and to replace them with more appropriate indicators if necessary;
- 2. Consider adding to or subtracting from the complement of secondary indicators in order to more meaningfully and accurately track vital performance objectives or to correct deficiencies in the more global key indicators; and
- 3. Consider adding or subtracting key indicators or secondary indicators as appropriate in response to the evolving requirements of DOE; in particular, both parties undertake to replace DOE directives whenever feasible by performance metrics.



## **Scoring Methodology**

DOE/TJNAF SITE OFC

The parties have agreed to the following scoring methodology:

A. Point Allocation: A 1220 point scale will be distributed among the six performance objective categories as follows:

1,	Outstanding Science and Technology	720 points
2.	Corporate Citizenship	75 points
3.	Quality Performance in EH&S	150 points
4.	Business and Administrative Practices	105 points
5.	Responsible Institutional Management	100 points
6.	Project Management	70 points

Within each of the six performance objective categories, the individual points have been allocated between the key indicator and the secondary indicators.

**B.** Point Scale: A grading scale will be used for rating each category and the overall performance evaluation as follows:

Adjectival Rating	% of Points
Outstanding	90% to 100%
Excellent	80% to < 90%
Good	70% to $< 80%$
Marginal	60% to $< 70%$
Unsatisfactory (Poor)	50% to $< 60%$
Unsatisfactory (Failing)	<50%

After applying the appropriate percentage to the points assigned for each indicator, accuracy at the one decimal point level will be retained.

- C. Rating Each Category: The following weighted average approach will be used to rate each of the six performance objective categories:
  - 1. For each performance measure, multiply performance percent achieved times the assigned points to arrive at the awarded points.
  - 2. Sum the assigned points and sum the awarded points for all performance measures to arrive at a total for each (i.e., total assigned points and total awarded points).
  - 3. Divide the total awarded points for the category by the total assigned points for the category and convert to a percentage.
  - 4. Arrive at an overall adjectival rating for the category by using the point scale in paragraph (B).

In years where a new indicator, which requires baselining, might be added to the set, the Laboratory evaluation score will be based on paragraph (D) below.



D. Overall Performance Evaluation: The following methodology will be used to determine the overall performance rating:

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- 1. Sum the assigned points and sum the awarded points for each performance measure being scored in the performance period. (For odd years, the same score achieved in Responsible Institutional Management from the prior year will be carried forward and included in the performance evaluation calculation).
- 2. Divide the awarded points by the assigned points. This percentage of 1220 is the laboratory's overall score for the evaluation period.
- 3. Arrive at the overall adjectival performance rating for the contract on the point scale, in accordance with paragraph (B).
- 4. Incorporate the results of the DOE Site Office performance report as described in the above paragraph entitled "Performance Report" of this Appendix.



# **Contract Performance Annual Appraisal Timeline**

DATE	ELEMENT
7/1/FY-1	Functional teams from DOE and SURA develop Performance Metrics.
9/1/FY-1	Performance Metrics due to the DOE Site Office Manager.
10/1/FY	DOE transmits final Performance Metrics to SURA.
4/15/FY	DOE performs mid-year status review.
9/30/FY	Evaluation period ends.
11/25/FY+1	SURA submits Performance Report
12/10/FY+1	DOE develops draft evaluation and transmits to SURA.
12/17/FY+1	SURA submits comments on draft evaluation.
12/24/FY+1	DOE transmits final report to SURA.



# **Summary of Performance Measures**

1.0	Outstanding Science and Technology			
PM	Description	Goal	Point Value	Total
1.1	Key Indicator - Peer Review	100%	450	
		Subtota	al Peer Review	450
1.2	Reliable Experimental and Accelerator Operations	·		
1.2.1	Delivered Physics Research Operations *Dependent on details of beam schedule	*	100	
1.2.2	Accelerator Downtime	≤15%	40	
1.2.3	Experimental Equipment Availability *Dependent on details of beam schedule	*	. 20	
1.2.4	Effectiveness of the Scheduling Process	100%	20	
1.2.5	Overall Operations Effectiveness	27 weeks	20	
Subtotal Reliable Experimental and Accelerator Operations				200
1.3	Production of Scientific and Technical Manpower			
1.3.1	Number Of Student Years Per Year On Jefferson Lab Related Research Or Technical Activities	1,075	20	
1.3.2	Number Of Advanced Degrees Per Year Based On Jefferson Lab Research	53	35	
1.3.3	Number Of Advanced Degrees Per Year Granted By Minority Universities And Based On Jefferson Lab Research	≥6	5	
1.3.4	Participation Of Students From Groups Traditionally Underrepresented In Physical Science And Engineering Fields	>35%	10	
	Subtotal Production of Scien	tific and Techn	ical Manpower	70
	TOTAL OUTSTANDING SOLE	NOE AND TE	off <b>xol</b> logy.	720

2.0	Corporate Citizenship	eda de la como		
PM	Description	Goal	Point Value	Total
2.1	Public Outreach and Improved Scientific Literacy			
2.1.1	Key Indicator - Public Participation	90,000 person-hours	20	,
2.1.2	Public Visibility (a) Number of Articles (b) Citations Mentioning DOE	900 100%	7 3	
2.1.3	Customer Satisfaction	100%	5	
	Subtotal Public Outreach an	nd Improved Scie	ntific Literacy	35
2.2	Rechnology Fransler			
2.2.1	Key Indicator - Non-DOE investment in Jefferson Lab initiatives (including direct dollars, manpower costs, and contributions in-kind)	2.5% of JLab ops budget	20	



2.0	Corporate Citizenship			Tin/
2.2.2	Intellectual property generation as indicated by the annual number of  (a) Patent applications (b) Patents awarded (c) License agreements	5 or 1 or 2	10	
2.2.3	Benefit to partners based on customer surveys	5.0	10	
		Subtotal Techn	ology Transfer	40
	TOTALC	ORPORATE C	DUZENSTIP	75

3.0	Quality Performance in Environment, Health, and S	Safety	,	<del></del>
PM	Description	Goal	Point Value	Total
3.1	Key Indicator - Total Recordable Case Rate (TRC)	≤0.9 per 100 person years	50	
3.2	Key Indicator – Days Away, Restricted or Transferred (DART) Case Rate	0.4 per 100 person years	50	
3.3	Key Indicator - Environmental Exceedances	To have no environmentally significant violations of permitted limits	· 20	
3.4	Reportable Radiation Exposures	Satisfactory ALARA program; no exposures >80% of ORPS SC3 threshold	6	
3.5	Hazardous Substance Exposures	No exposures above OSHA action level	6	
3.6	Affirmative Procurement	85% for FY score	8	
3.7	Peer Review of the Radiological Control Program - Even Years; or, Peer Review of Emergency Management Program - Odd Years	Appropriate program = 100	10	
	AT TOUAL CLEASING BURELLAND WAS IN EXPURDING	NU EAU U	ANDSAILTY	150

4.0	Quality of Business and Administrative Practices			
PM	Description	Goal	Point Value	Total
4.1	Key Indicator - Peer Review	100%	65	
		Subt	otal Peer Review	65
4.2	Facilities Management			
4.2.1	Asset Condition Index (ACI) defined as one (1) minus the ratio of Deferred Maintenance to Replacement Plant Value	≥ 98%	2	
4.2.2	% of Planned Facility Condition Assessments Completed	≥94%	2	
4.2.3	% of Indirect Projects Completed from the Planned Project List	≥94%	2	
		Subtotal Facili	ties Management	6
4.3	Property Management & Protection			



4.0	Quality of Business and Administrative Practices			
4.3.1	% of value of property located during the inventory cycle: Capital Property (Odd Years)	≥99%	2	
4.3.2	% of value of property located during the inventory cycle: Sensitive Property	≥99%	2	
	Subtotal Pro	perty Manageme	ent & Protection	4
4.4	Financial Management			
4,4,1	Number of CAS violations	0	1	*
4.4.2	Dollar % of invoices deemed unallowable	<1%	1	
4.4.3	% of vendor invoices paid with discounts lost	≤1%	1	
4,4,4	% of annual actual cost variance from budget for each overhead pool	 ≤3%	1	
4.4.5	Number of occurrences that resulted in the monthly Cost Management Report being resubmitted to Contracting Officer – DOE Site Office	0	1	
4.4.6	Number of audit errors in travel expense reports	<2%	1	,
		Subtotal Financi		6
4.5	Procurement		- Alamaganient	······································
4.5.1	Average procurement cycle time	<10 days	<del></del>	
4.5.1		<10 days	3	
	% of total available purchasing dollars awarded to: Small Business concerns.	50%	SB 1	
	small Women-Owned business concerns, and	9.9%	WO 0.5	
4.5.2	Small Disadvantage business concerns	15%	SD 0.5	
	Service-Disabled Veteran business concerns	3%	SDV 0.5	
	HubZone business concerns	3%	HZ 0.5	
			tal Procurement	6
4.6	Human Resources and Services	7, , ,	1	
7,0	% of action oriented diversity commitments as established in the	, , , , , , , , , , , , , , , , , , ,	- 1 40 × 12 diff	W Contract
4.6.1	Affirmative Action Plan	≥ 90%	1	
4.6.2	Representation of protected classes within each EEO-1 category	100% Maintained	1	
4.6.3	Sustainable EEOC charges	0 charges	1	
		± 3% of		
4.6.4	Compensation positions aligned with market practices	market	. 1	
	the state of the s	average		
4.6.5	% of 3-year rolling average of annual increases in premium cost relative to market	≥ 5% below market data	1	
	Subtota	l Human Resour	ces and Services	5
4.7	Information Systems			
4.7.1	Cyber Security Review (5pts, held every 3 years, next one in '05)	>90%	5	
4.7.2	Performance on addressing identified cyber security vulnerabilities	<u>100</u>	5	
4.7.3	Number of times JLab computer systems were compromised or used to attack other systems	≤ I	2	
4.7.4	% of current year's papers written by JLab staff or Users placed online	≥ 97%	1	
		Subtotal Info	rmation Systems	13
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The French Co.		DENIES DEL CARRES		enter and the second





5.0	Responsible Institutional Management			
PM	Description	Goal	Point Value	Total
5.1	Key Indicator - Responsible Institutional Management Peer Review	100	100	
	TOTAL RESPONSIBLE INSTIT	titional Ma	VACEMENT	100

6.0	Project Management	****		
PM	Description	Gonl	Point Value	Total
6.1	Key Indicator - Schedule Performance SNS	≤ one month behind schedule	35	
6.2	Key Indicator - Schedule Performance on the CEBAF Center Addition	≤ one month behind schedule	10	
6.3	Cost Performance on the CEBAF Center Addition Project	≥ 15%	10	
6.4	% of Overrun on all Projects >\$100K	≤ 8%	3	
6.5	Variance of Scheduled Completion Time for Projects >\$100K	≤ 1.10	2	
6.6	Schedule Performance on the 12 GeV Upgrade Project	≤ one month behind schedule	10	
	TOTAL	TROUGENY	NAGUMENT	70

Total Appendix B Score on Performance Measures	
	Total
	1220



### 1.0 Outstanding Science and Technology Overview

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Objective: To produce outstanding science and technology, to achieve reliable performance of the accelerator and detectors at required specifications to ensure the scientific success of the Laboratory; and to contribute to the education and training of the future scientific/technical work force for the nation.

#### **Key Indicator**

#### 1.1 Peer Review (450 points)

General Charge to the Peer Review Team: Using inputs from other science and technology program managers who sponsor significant work at Jefferson Lab and with cognizance of SURA representatives, the DOE Office of Nuclear Physics (SC-90) will issue the charge to the review team. The charge will be to evaluate the quality, productivity, and significance of Jefferson Lab's scientific and technical accomplishments, and the planned future contribution to the goals of the National Nuclear Physics Program, to assess the effectiveness of accelerator operations and the planning for future facility upgrades in support of the planned research program, to evaluate the effectiveness of management in implementing a balanced, prioritized and optimized program and to assess the quality and appropriateness of the laboratory's interactions with, and nurturing of, its scientific community. Other topics for inclusion in the charge would be considered as needed. Point distribution for the areas to be reviewed is included below. More detailed guidance may be developed based on special circumstances at the time of the review.

Nuclear Physics Science Program	250 points
User Community	30 points
Scientific & Technical Program Management	50 points
Nuclear Physics Facility Operations	70 points
Accelerator R&D	30 points
FEL (Applied Science & Technology)	20 points

Frequency and Duration: Annually, typically two days plus one day for report writing and closeout.

Review Team Composition: The Associate Director of SC-90 will charge the Division Director of the Facility and Project Management Division (SC-93) to conduct the Annual Science and Technology Review of the facility. The chairperson of the annual review will be the Program Manager for Medium Energy Physics in the Office of Nuclear Physics. The Division Director of SC-93 will work with the Program Manager for Medium Energy Physics to appoint a cross-cutting review team of internationally recognized scientists and engineers, in consultation with the Associate Director of SC-90 and other program managers who fund significant program activities at the Laboratory.

Consistent with the principles of the DOE/SURA partnership that are expressed in this contract, a representative selected by SURA will observe the deliberations of the review team and participate in panel discussions, including the executive sessions. This will assist SURA in performing its corporate oversight of the Laboratory.



Conduct of the Review: The Division Director of SC-93, and the chairperson of the review, in consultation with Lab management and SURA, will develop an agenda for the review based on the charge to the review team. Each team member will be asked to submit individual reports to the chairperson following the review. The SC-93 Division Director will submit to the Associate Director of SC-90 an Office of Nuclear Physics S&T Review Report that provides assessment of the review based on the individual reports and that will include excerpts of the individual reports. The Associate Director of SC-90 will make the reports available to SURA and the Laboratory Director,

#### Secondary Indicators (270 points)

- Reliable Experimental and Accelerator Operations (200 points)
- Delivered physics research operations, as measured by the ratio of the number of hours the 1.2.1 nuclear physics experimental program is progressing as planned (with simultaneous availability of the beams and the experimental equipment) to the number of hours planned for the year. (100 points)
- Accelerator Downtime, as defined by the ratio of the time the accelerator is not able either to 1.2.2 support the scheduled research program of at least one Hall or to carry out scheduled machine development to the time it is scheduled for use or machine development during that period. (40 points)
- Experimental equipment availability, as measured by the ratio of the time the equipment is 1.2.3 operational at its design specifications in a particular configuration to the time it is scheduled for use in that configuration. (20 points)
- The effectiveness of the scheduling process, as determined by the time that was scheduled to have elapsed between the publication of a firm accelerator schedule and the experiment's scheduled start date divided by the actual time between publication of a firm accelerator schedule and the date an experiment begins taking data. (20 points)
- Overall operations effectiveness, defined as the ratio of the total time the accelerator is operated for physics (in weeks) to the total accelerator operations (in weeks) that was identified as the goal for the year during negotiations of the laboratory's operations budget. (20 points)
- Production of Scientific and Technical Manpower (70 points) 1.3
- 1.3.1 Number of student years per year on Jefferson Lab-related research or technical activities. (20 points)
- Total number of advanced degrees per year based on Jefferson Lab research. (35 points)
- Number of advanced degrees per year (represented by a three-year average) granted by minority universities and based on Jefferson Lab research. (5 points)



1.3.4 Participation of students from groups traditionally underrepresented in physical science and engineering fields. (10 points)





# 1.0 Outstanding Science and Technology Performance Evaluation Plan

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#### 1.1 Peer Review (450 points)

Introduction: It is widely accepted that while various numerical indicators can be useful as inputs, the overall scientific and technical quality of a research institution is best judged by peer review. Among the more reliable criteria on which the judgment of the Peer Review Team should be based are:

- 1. Quality of the research program as evidenced by seminal experimental or theoretical results.
- 2. Effectiveness of operations (including an assessment from users) in support of the research program.
- 3. Major experimental or technological innovations resulting from work at Jefferson Lab.
- 4. Citations of papers or articles based on research carried out at Jefferson Lab and invited presentations at major international conferences based on Jefferson Lab results.

Other criteria deemed to be relevant also will be examined.

Scoring: Based on the Office of Nuclear Physics S&T Report, individual reports of the team members, his/her own assessment, and following consultation with the SC-93 Division Director, the Program Manager for Medium Energy Physics and SURA, the Associate Director of the Office of Nuclear Physics will assign an adjectival rating to the performance of the laboratory in producing Outstanding Science and Technology. A percentage of Key Indicator points within the range associated with the assigned rating will be awarded in accordance with the following table.

Adjectival Rating	% of Assigned Points
Outstanding	90 to 100
Excellent	80 to < 90
Good	70 to < 80
Marginal	60 to < 70
Unsatisfactory (Poor)	50 to < 60
Unsatisfactory (Failing)	<50



#### 1.2 Reliable Experimental and Accelerator Operations (200 Points)

Performance in this area is measured quantitatively against performance goals set at the beginning of each evaluation period. These performance goals correspond to the maximum performance desirable in each area given anticipated technical and fiscal restraints for the year. Because some performance goals depend on the details of the beam schedule, which is not known until later in the year, numeric values for these goals cannot be stated at this time. In these cases, the formulae are given and parameters that are known are listed.

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The annual performance goals are based on long-range "asymptotic" performance goals for each performance measure (PM), which have been set by a joint Laboratory-DOE team and which are reviewed annually by the team. These long-range goals, as well as the annual goals for the current year, are listed in Table 1.1. Reasons for setting current year goals below the long-range goals are discussed for each PM when appropriate. Since the goals for the Delivered Physics Research Operations metric and the Experimental Equipment Availability metric depend on what experiments are scheduled to run during the year, the FY05 goals for these metrics are not available at this time. They will be determined when the schedule of experiments planned for FY05 has been released.

Table 1.1 lists the five performance measures for reliable experimental and accelerator operations along with the corresponding goals—both long-range and for FY05.

Table 1.1 Long Range Routine Operations Goals and Current Year Peak Performance Goals<sup>1</sup>

Performance Measure	Indicator	Total Points Assigned	Description	Routine Operations Performance Goal	FY05 Performance Goal <sup>2</sup>
1.2.1	Delivered Physics Research Operations	100	Hours of physics research operations for which both beam and experimental equipment are simultaneously available	100% of the research operations goal for the year (see appendix)	Calculate using the equation in Attachment 1 after the experiment schedule is released
1.2.2	Accelerator Downtime	40	Percent of the scheduled time for which the beam is not able to support the research program of at least one Hall or planned machine development	≤ 15%	≤ 15%
1.2.3	Experimental Equipment Availability	20	Percent of the scheduled time that the experimental equipment is operational	The average availability of the three previous fiscal years	Calculate using the equation in Attachment 1 after experiment schedule is released

<sup>&</sup>lt;sup>1</sup> Performance Goals for each metric are precisely quantified based on specific formulae, definitions, and beam characteristics (Attachment 1).

<sup>&</sup>lt;sup>2</sup> Current goals assume President's Budget for FY05.



Performance Measure	Indicator	Total Points Assigned	Descripțion	Routine Operations Performance Goal	FY05 Performance Goal <sup>2</sup>
1.2.4	Effectiveness of the Scheduling Process	20	How closely an experiment actually starts taking data relative to the scheduled start date	100%	100%
1.2.5	Overall Operations Effectiveness	20	Percent of planned weeks of operations for physics that is delivered	100%	100% 30 weeks planned (may be modified based on budget)

#### 1.2.1 Delivered Physics Research Operations (100 points)

This metric compares the number of delivered hours of physics research operations (time during which the experiments were progressing as planned, with both beam and experimental equipment simultaneously available as needed) to the number of hours that would be delivered if the goals for beam and experimental equipment availability, the multiplicity (average number of halls in simultaneous use), and the overall operations effectiveness (weeks of planned operations for physics) were all met. The formulae for calculating the metric are in Attachment 1.

Long-range, routine operations goal: In a year in which there are no significant enhancements to the accelerator capabilities and in which there are no major new elements of experimental equipment commissioned, the goal shall be 100% of the hours calculated using the standard formula below using the long-range routine operations goals outlined here for the various included parameters.

One-, Two-, and Three-Hall Accelerator Availability: the average values of the 1-, 2-, and 3-Hall accelerator availability for the three previous fiscal years.

Experimental Equipment Availability for Halls A, B and C: the average values of the Experiment Equipment availability for each hall over the three previous fiscal years.

<u>Multiplicity</u>: the multiplicity defined by the released schedule. (Note: this will accurately reflect the scientific goals for the year, and will vary from year to year depending on the need for major new equipment installations and/or major experiment re-installations.)

<u>Scheduled hours</u>: the planned operations of the accelerator for nuclear physics research during the fiscal year as determined by 168 hours times the weeks of operation for physics identified in metric 1.2.5 below.

Adjustments for FY05 goal: The long-range routine operations goals above will be adjusted once the final schedule is released for the year so that it properly reflects realistic goals in view of the detailed demands placed on the accelerator and experimental equipment by the physics research program that is planned. The process is outlined in Attachment 1 to this document. Broadly, the goal for the year for accelerator availability will be set using the

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three year average for the availability that should be expected for the accelerator operation actually scheduled, and then adjusted for major new demands placed on the machine (higher beam energies, more stringent beam quality characteristics, etc.). Similarly the overall experimental equipment availability will be set using the running three year average, but adjusted for the reduced availability expected when major new apparatus is commissioned. Finally, the multiplicity will be set to the value actually scheduled and the overall scheduled hours will be set to the goal agreed upon for performance measure 1.2.5 below.

The goal for the year shall be 100% of the hours calculated using the current year's goals adjusted as outlined above (and described in detail below) following the final release of the operations schedule.

Scoring: The score for this metric is the ratio of delivered hours of physics research operations to the goal for delivered hours times 100%. Details of how both the delivered hours and the goal for delivered hours are calculated are provided in Attachment 1. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points
≥100% of PG	Outstanding	= 100
90% to 100% of PG	Outstanding	
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	= (% of PG achieved)
60% to < 70% of PG	Marginal	],
50% to < 60% of PG	Unsatisfactory (Poor)	:
25% to < 50% of PG	Unsatisfactory (Failing)	= 2 * (% of PG achieved - 25%)
0% to < 25% of PG	Unsatisfactory (Failing)	= 0

#### 1.2.2 Accelerator Downtime (40 points)

This metric compares the actual Accelerator Downtime to the FY05 goal for Accelerator Downtime. Downtime percent is the time during which the accelerator is not able to support either the research program of a least one Hall or machine development work compared to the time scheduled for physics running or machine development. Note that this metric is the complement of the "Average achieved operation time of the scientific user facilities" metric reported for all OS facilities (achieved operation time = 1.0 – downtime).

Long-range routine operations goal:  $\leq 15\%$ 

**FY05** goal: ≤15%

Scoring: The score for this metric is the ratio of the value of [1- Downtime] to the goal for [1-Downtime] times 100%. Details of the calculation are in Attachment 1. Award assigned points as indicated below:





Performance Level	Adjectival Rating	% of Assigned Points
≥100% of [1-PG]	Outstanding	= 100
90% to 100% of [1-PG]	Outstanding	
80% to < 90% of [1-PG]	Excellent	
70% to < 80% of [1-PG]	Good	= % of [1-PG achieved]
60% to < 70% of [1-PG]	Marginal	
50% to < 60% of [1-PG]	Unsatisfactory (Poor)	
25% to < 50% of [1-PG]	Unsatisfactory (Failing)	= 2 * (% of [1-PG achieved] - 25%)
0% to < 25% of [1-PG]	Unsatisfactory (Failing)	= 0

#### 1.2.3 Experimental Equipment Availability (20 points)

This metric compares the weighted average availability of experimental equipment in the halls during the year to the weighted average if the availability goal in each hall is met. Because the average is weighted by the scheduled hours of operation each hall, a value for the average availability cannot be set until the operations schedule is finalized later in the year.

The goal for the availability for the equipment in each hall will be adjusted annually to reflect both the average of the three preceding years and the anticipated loss of availability associated with the commissioning of major new apparatus planned for the year. The formulae for making this adjustment and for calculating the metric are provided in Attachment 1.

Long-range routine operations goal: Each hall shall operate with an availability at or above its average availability of the past three years of operations.

FY05 goal: The FY05 goals for individual halls will be determined after the experimental schedule is released as it is necessary to adjust the goal to reflect both the hours of operation in each hall and the major apparatus commissioning planned in each hall.

Scoring: The score for this metric is the ratio of actual average availability to the goal for average availability times 100%. Details of how both are calculated are provided in Attachment 1. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points	
≥100% of PG	Outstanding	= 100	
90% to 100% of PG	Outstanding		
80% to < 90% of PG	Excellent		
70% to < 80% of PG	Good	= (% of PG achieved)	
60% to < 70% of PG	Marginal		
50% to < 60% of PG	Unsatisfactory (Poor)		



Performance Level	Adjectival Rating	% of Assigned Points
 25% to < 50% of PG	Unsatisfactory (Failing)	= 2 * (% of PG achieved - 25%)
0% to < 25% of PG	Unsatisfactory (Failing)	= 0

## 1.2.4 Effectiveness of the Scheduling Process (20 points)

The effectiveness of the scheduling process is a measure of how closely the average start of experiments matches the scheduled start as given in the "firm" operations schedule. If all experiments started "on-time" as given by the "firm" schedule, the value of this metric would be 100%. Details of the calculation of this metric are provided in Attachment 1.

Long-range routine operations goal: 100%

FY05 goal: 100%

Scoring: The score for this metric is the ratio of actual scheduling effectiveness performance to the goal for scheduling effectiveness times 100%. Details of how both are calculated are provided in Attachment 1. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points
≥100% of PG	Outstanding	= 100
90% to 100% of PG	Outstanding	
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	= (% of PG achieved)
60% to < 70% of PG	Marginal	,
50% to < 60% of PG	Unsatisfactory (Poor)	
25% to < 50% of PG	Unsatisfactory (Failing)	= 2 * (% of PG achieved - 25%)
0% to < 25% of PG	Unsatisfactory (Failing)	= 0

### 1.2.5 Overall Operations Effectiveness (20 points)

This metric is the ratio of total time the accelerator is operating for physics to the operating time set in the annual negotiation of the Lab's operations budget.

Long-range routine operations goal: 100% of goal for physics operating time which is set annually during negotiation of the Laboratory's operations budget.

**FY05 goal:** For this metric the FY05 goal and the long range routine operations goal are identical – both are determined from the negotiation of the Laboratory's operations budget.

Scoring: The score for this metric is the weeks the accelerator is running for physics divided by the goal times 100%. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points



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Performance Level	Adjectival Rating	% of Assigned Points
≥100% of PG	Outstanding	= 100
90% to 100% of PG	Outstanding	
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	= (% of PG achieved)
60% to < 70% of PG	Marginal	
50% to < 60% of PG	Unsatisfactory (Poor)	7
25% to < 50% of PG	Unsatisfactory (Failing)	= 2 * (% of PG achieved - 25%)
0% to < 25% of PG	Unsatisfactory (Failing)	= 0

#### 1.3 Production of Scientific and Technical Manpower (70 points)

Number of student years per year on Jefferson Lab-related research or technical activities. 1.3.1 (20 points)

The data collection process involves two major components: the administration of a Jefferson Lab Users Group Survey and a cross-check against the University Relations student list. Surveys are sent to the complete Users Group. An initial response rate of 10-20% of the group of active users is considered reasonable. An estimate of the full population is made by comparing the number of students reported with the known list of active student users. The best estimates for student research years will be obtained by supplementing the actual student numbers from the initial survey respondents with the expected number of unreported students based on a comparison between the number of identified active students and the number of students reported in the Users Group Survey.

Scoring: Tally the number for each high school, undergraduate, and graduate student involved in Jefferson Lab-related research or technical activities (including computing) at Jefferson Lab and collaborating institutions and apply the following equation:

WSII (Weighted Student Involvement Index) = 1HSS + 2UGS + 4GS

where HSS = High School Students, UGS = Undergraduate Students, and GS = Graduate Students

Performance Level	Adjectival Rating	% of Assigned Points
WSII $\geq 1000 \text{ to } < 1075^{1}$	Outstanding	90 to 100
WSII ≥ 925 and <1000	Excellent	80 to < 90
WSII ≥ 850 and < 925	Good	70 to < 80
WSII ≥ 775 and <850	Marginal	60 to < 70
WSII < 775	Unsatisfactory	<60
Performance level greater than 1		<u> </u>



1.3.2 Total number of advanced degrees per year based on Jefferson Lab research. (35 points)

To estimate the total number of advanced degrees, initially reported and known degrees are supplemented with the expected numbers of unreported degrees based on the number of unreported students and the base of the reported students obtaining such degrees.

Scoring: Tally the number of Master's degrees and PhDs awarded for research based at Jefferson Lab or involving strong interaction with Jefferson Lab and apply the following equation:

CD (Composite Degrees) = MD + 3PHD

where MD = Number of awarded Master's degrees and PHD = Number of awarded PhDs

Performance Level	Adjectival Rating	% of Assigned Points
$CD \ge 45 \text{ and } < 53^1$	Outstanding	90 to 100
CD ≥ 38 and < 45	Excellent	80 to < 90
CD ≥ 30 and < 38	Good	70 to < 80
CD ≥ 23 and <30	Marginal	60 to < 70
CD < 23	Unsatisfactory	<60

1.3.3 Number of advanced degrees per year (represented by a three-year average) granted by minority universities based on Jefferson Lab research. (5 points)

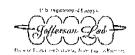
Degrees awarded by minority institutions are collected directly. Participation by underrepresented populations are based on the percentages from the initial survey data. Because statistical analysis of small numbers can result in large percentage variations from year to year, a more accurate assessment can be reached by reporting the average over the past three years.

Scoring: See 1.3.2 scoring scheme, but count degrees granted by minority institutions only (HBCU, MEI, women's colleges) for the past three years, and apply the following equation:

CDM (Composite Degrees Minority) =  $(MD_y+MD_{y-1}+MD_{y-2}+3(PHD_y+PHD_{y-1}+PHD_{y-2}))/3$ 

where MD = Number of awarded Master's degrees and PHD = Number of awarded PhDs and y is the current year.

Performance Level	Adjectival Rating	% of Assigned Points
CMD ≥ 6	Outstanding	100
$CMD \ge 4$ and $< 6$	Excellent	85



Performance Level	Adjectival Rating	% of Assigned Points
$CMD \ge 2$ and $< 4$	Good	75
CMD = 1	Marginal	65
CMD = 0	Unsatisfactory	55

DOE/TJNAF SITE OFC

1.3.4 Participation of students from groups traditionally underrepresented in physical science and engineering fields. (10 points)

Scoring: Determine the percent of students at all levels participating in Jefferson Lab based research and technical activities who are women or underrepresented minorities.

Students who qualify for more than one category can be counted more than once. In order to correct for this bias, each match will be treated as a distinct individual, thereby ensuring that whatever number is added to the numerator also will be added to the denominator.

Performance Level	Adjectival Rating	% of Assigned Points
30% to < 35% <sup>2</sup>	Outstanding	90 to 100
25% to < 30%	Excellent	80 to < 90
20% to < 25%	Good	70 to < 80
15% to < 20%	Marginal	60 to < 70
10% to < 15%	Unsatisfactory (Poor)	50 to < 60
0% to < 10%	Unsatisfactory (Failing)	0 to < 50

Percent of assigned points identified in the table can be calculated directly by the following formulas:

<sup>%</sup> of points = 30 + 200P for  $P \ge .1$ 

<sup>%</sup> of points = 500P for P < 1

<sup>&</sup>lt;sup>2</sup> Performance level greater than 35% receives 100% of assigned points.



# 2.0 Corporate Citizenship Overview

DOE/TJNAF SITE OFC

Objective: As a taxpayer-funded institution, Jefferson Lab should serve the public and the national interest in important areas where it has special competencies which are mission related.

#### 2.1 Public Outreach and Improved Scientific Literacy (35 points)

Objective: Scientific literacy and support are essential for the public to make competent decisions on everyday matters of increasingly complex technical nature. Science and math education are important for today's students if they are to complete high school prepared for college or a worthwhile career. As a workplace where science and math are in the forefront, Jefferson Lab can provide unique educational and motivational opportunities and materials. Public awareness of Jefferson Lab and its DOE-sponsorship is also essential for the future well being of the laboratory and the national science enterprise.

#### Key Indicator (20 points)

2.1.1 Public participation (in effective person-hours per year): (Number of student hours + number of public hours + 10 \* number of teacher hours) per year, including visits, external public talks, science series, tours, open house, BEAMS, etc.

#### Secondary Indicators (15 points)

- 2.1.2 Public visibility: Number of newspaper and magazine articles, Web-based news systems, and radio and television programs mentioning Jefferson Lab and its science or technology (7 points); percentage of these citations mentioning DOE (3 points). (10 points total)
- 2.1.3 "Customer satisfaction" (5 points)

#### 2.2 Technology Transfer (40 points)

Objective: The objective of the Jefferson Lab technology transfer program is the dissemination to industry of key technologies that are developed as the result of Jefferson Lab's primary scientific mission and that are of interest to industry.

#### **Key Indicator (20 points)**

2.2.1 Non-DOE investment in Jefferson Lab initiatives (including direct dollars, manpower costs, and contributions in-kind). (20 points)





#### **Secondary Indicators (20 points)**

- 2.2.2 Intellectual property generation as indicated by the annual number of (a) patent applications, (b) patents awarded, (c) license agreements. (10 points)
- 2.2.3 Benefit to partners based on the results of a mutually agreed customer survey where the customer indicates level of satisfaction on a 1 (lowest) to 5 (highest) scale. (10 points)

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# 2.0 Corporate Citizenship Performance Evaluation Plan

#### 2.1 Public Outreach and Improved Scientific Literacy (35 points)

Introduction: Jefferson Lab's effect on public awareness and literacy is strongest when people have direct personal contact with laboratory personnel and facilities. The typical minimum time to influence a person's awareness and literacy of things that are outside his/her area of expertise is about an hour, and significant learning can occur in this period. Teachers learn not just for themselves but to pass on information and concepts to their students. Typical teachers contact 25-100 students per year, but the literacy transfer to the students is likely to be lower than it would be if the students participated in the Jefferson Lab experience directly. Consequently, the multiplier 10 for teacher participation is a conservative adjustment for the true outreach/literacy impact.

2.1.1 Public participation (in effective person-hours per year): [Number of student hours + number of public hours + 10 \* number of teacher hours] per year, including visits, external public talks, science series, tours, open house, BEAMS, etc. (20 points)

Scoring: Count or estimate the number  $(N_i)$  of participants or attendees in each event (i). Measure the duration  $(t_i)$  in hours of the activity, event, or the typical person's involvement. People counted under Scientific Manpower do not count here; high school students doing research do not count.

Calculate the public participation metric (P)

 $P = \sum N_i t_i$  for all events

i

Peak Performance Goal (PPG): Good faith efforts will be made to ensure  $N_i$  is accurate within 10%;  $t_i$  will be measured to the nearest half hour. For FY05 Jefferson Lab's Peak Performance Goal (PPG) will be:

90,000 person-hours broken down as:

- Science and Education (students, teachers, parents) = 86,000
- Public Outreach = 4,000



Performance Level	Adjectival Rating	% of Assigned Points
90% to 100% of PPG	Outstanding	90 to 100
80% to < 90% of PPG	Excellent	80 to < 90
70% to < 80% of PPG	Good	70 to < 80
60% to < 70% of PPG	Marginal	60 to < 70
50% to < 60% of PPG	Unsatisfactory (Poor)	50 to < 60
0% to < 50% of PPG	Unsatisfactory (Failing)	0 to < 50

<sup>&</sup>lt;sup>1</sup> In each adjectival category, points are assigned by linear interpolation between the ranges listed.

- 2.1.2 (a) Public Visibility: Number of newspaper and magazine articles, Web-based news systems, and radio and television programs mentioning Jefferson Lab and its science or technology (7 points);
  - (b) Percentage of these citations mentioning DOE (3 points). (10 points total)

## (a) Public Visibility (7 points)

### Scoring:

 $V = \Sigma W_i$ 

 $W_i = C_i + D_i$  i = each article, radio or TV appearance

Circulation Weighting Factors	$(C_i)$	Distribution Factor	$\underline{D_i}$
<10,000	1	Local inside SE Virginia	0
10,000-50,000	2	Local outside SE Virginia	+1
50,000-250,000	3	Regional	+1
>250,000	4	National	+2
		International	+3

Regional is defined as Washington DC, Maryland, West Virginia, Tennessee and North Carolina.

The number counted will be less than or equal to the number occurring, because we would not necessarily be aware of all coverage. If one article is repeated in many publications, add the audience circulation factor and the distribution factors for each. Each article in a series of articles will be counted individually.

Peak Performance Goal (PPG): For FY05 Jefferson Lab's Peak Performance Goal will be 900. Scoring will be determined using the values in the following table.

Performance Level	Adjectival Rating	% of Assigned Points
90% to 100% of PPG	Outstanding	90 to 100
80% to < 90% of PPG	Excellent	80 to < 90
70% to < 80% of PPG	Good	70 to < 80
60% to < 70% of PPG	Marginal	60 to < 70
50% to < 60% of PPG	Unsatisfactory (Poor)	50 to < 60



Performance Level	Adjectival Rating	% of Assigned Points
0% to < 50% of PPG	Unsatisfactory (Failing)	0 to < 50

## (b) DOE Citation (3 points)

Percent mentioning DOE: Count the articles, broadcasts, exhibits, interviews and videos (A) initiated by Jefferson Lab which feature the Laboratory and the subset (S) of those communications in which the Laboratory mentions DOE. In the case where the Laboratory mentions "DOE" in a proposed article or broadcast and the final version is revised or altered by the media, the Laboratory will receive credit for the article or broadcast since the Laboratory has no control over the final version. Percent = 100 S/A. The score is as follows:

Performance Level	Adjectival Rating	% of Assigned Points
90% to 100%	Outstanding	90 to 100
80% to < 90%	Excellent	80 to < 90
70% to < 80%	Good	70 to < 80
60% to < 70%	Marginal	60 to < 70
50% to < 60%	Unsatisfactory (Poor)	50 to < 60
0% to < 50%	Unsatisfactory (Failing)	0 to < 50

<sup>&</sup>lt;sup>1</sup> In each adjectival category, points are assigned by linear interpolation between the ranges listed.

### 2.1.3 Customer Satisfaction. (5 points)

Scoring: Collect feedback from customers (overall ratings) for selected events and activities (to be determined by the laboratory and the DOE Site Office), using a 5-point Likert Scale. For public participation events, at least 15% of the total number of participants will be surveyed. This fraction should be representative of a reasonable cross section of all such public events. For education events, at least 80% of the participants will be surveyed.

Each customer indicates a level of satisfaction on a 1 (lowest) to 5 (highest) scale for each event. After each event, an average  $(A_n)$  is calculated. The average of all events  $(A_1, A_2, A_3, ...)$  is averaged resulting in one overall average (A)

Performance Level (A)	Adjectival Rating	% of Assigned Points
4.2 < A ≤ 5.0	Outstanding	90 to 100
3,4 < A ≤ 4.2	Excellent	80 to < 90
2.6 < A ≤ 3.4	Good	70 to < 80
1.8 < A ≤ 2.6	Marginal	60 to < 70
1.0 < A ≤ 1.8	Unsatisfactory (Poor)	50 to < 60



Performance Level (A)	Adjectival Rating	% of Assigned Points
A ≤ 1.0	Unsatisfactory (Failing)	0 to < 50
	ory, points are assigned by lin	near interpolation between

## 2.2 Technology Transfer (40 points)

2.2.1 Non-DOE investment in Jefferson Lab initiatives (including direct dollars, manpower costs, and contributions in-kind) (20 points)

Scoring: I = 100% x non-DOE investment/JLab Operations Budget

Performance Level (I)	Adjectival Rating	Assigned Points
2% to 2.5% operations budget	Outstanding	18 to 20
1.5% to < 2%	Excellent	· 16 to < 18
1% to < 1.5%	Good	14 to < 16
0.5% to < 1%	Marginal	12 to < 14
0.25% to < 0.5%	Unsatisfactory (Poor)	10 to < 12
< 0.25%	Unsatisfactory (Failing)	0 to < 10

<sup>1</sup> In each adjectival category, points are assigned by linear interpolation between the ranges listed.

Performance level greater than 2.5% receives 20 points.

- 2.2.2 Intellectual property generation as indicated by the annual number of (10 points):
  - (a) patent applications
  - (b) patents awarded
  - (c) license agreements

#### Scoring:

Performance Level	Adjectival Rating	Assigned Points
Two licenses granted or one patent award or 5 or more patent applications executed	Outstanding	10
4 patent applications executed	Excellent	8
3 patent applications executed	Good	. 6
2 patent applications executed	Marginal	4
1 patent application executed	Unsatisfactory (Poor)	2
0 patent application executed	Unsatisfactory (Failing)	0



2.2.3 Benefit to partners based on the results of a mutually agreed customer survey where the customer indicates level of satisfaction on a 1 (lowest) to 5 (highest) scale. (10 points)

Scoring:

Performance Level (Average Rating on Customer Survey)	Adjectival Rating	% of Assigned Points
4.0 to 5.0	Outstanding	90 to 100
3.5 to < 4.0	Excellent	80 to < 90
3.0 to < 3.5	Good	70 to < 80
2.5 to < 3.0	Marginal	60 to < 70
2.0 to < 2.5	Unsatisfactory (Poor)	50 to < 60
0.0 to < 2.0	Unsatisfactory (Failing)	0 to < 50

In each adjectival category, points are assigned by linear interpolation between the ranges listed.





## 3.0 Quality Performance in Environment, Health, and Safety Overview

Objective: Protection of workers, the public and the environment, adherence to the ALARA concept, and compliance with laws, regulations, statutory requirements, and appropriate national initiatives (recycling, waste reduction, etc.) at lowest reasonable cost.

## Key Indicators (120 Points)

- 3.1 Jefferson Lab total recordable case rate (cases per 100 person years worked). (50 points)
- 3.2 Jefferson Lab DART (Days Away, Restricted or Transferred) rate (cases per 100 person years worked). (50 points)
- 3.3 Jefferson Lab environmental exceedences per fiscal year. (20 points)

## Secondary Indicators (30 points)

- Number of reportable and recordable exposures to radiation as Significance Category 3 (SC3) occurrences, plus 5 times this number for SC2 occurrences. (6 points)
- Number of reportable and recordable exposures to hazardous substances as SC3 occurrences, plus 5 times this number for SC2 occurrences. (6 points)
- 3.6 Affirmative Procurement score for fiscal year. (8 points)
- 3.7 Peer review of Emergency Management Program in odd-numbered fiscal years, and of Radiation Control Program in even-numbered fiscal years. (10 points)





## 3.0 Quality Performance in Environment, Health, and Safety Performance Evaluation Plan

3.1 Jefferson Lab total recordable case (TRC) rate (cases per 100 person years worked). (50 points)

Goal: To achieve a performance level which exceeds the Lab TRC target (1.1 in FY05).

#### Qualifiers:

- Comprises all SURA/Jefferson Lab staff, nuclear physics users, and contractors (except major construction project contractors)
- Includes official travel
- Includes personnel paid under joint salary arrangements

Data collection: EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected.

Scoring: Based on the actual TRC rate achieved:

Performance Level	Adjectival Rating	% of Assigned Points1
≤1.0	Outstanding	100
>1.0 to ≤1.3	Excellent	80 to <90
>1.3 to ≤1.8	Good	70 to <80
>1.8 to ≤2.4	Marginal	60 to <70
>2.4 to <3.0	Unsatisfactory (Poor)	50 to <60
>3	Unsatisfactory (Failing)	0 to <50

3.2 Jefferson Lab DART (Days Away, Restricted or Transferred) rate (cases per 100 person years worked). (50 points)

Goal: To achieve a performance level which exceeds the Lab DART target (0.5 in FY05).

#### **Oualifiers:**

- Comprises all SURA/Jefferson Lab staff, nuclear physics users, and contractors (except major construction project contractors)
- Includes official travel
- Includes personnel paid under joint salary arrangements

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Data collection: EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected.

Scoring: Based on the actual DART rate achieved:

Performance Level	Adjectival Rating	% of Assigned Points <sup>1</sup>
≤0.4	Outstanding	100
$>0.4 \text{ to} \le 0.8$	Excellent	80 to <90
>0.8 to ≤1.0	Good	70 to <80
>1.0 to ≤1.2	Marginal	60 to <70
>1.2 to ≤1.6	Unsatisfactory (Poor)	50 to <60
>1.6	Unsatisfactory (Failing)	0 to <50

In each adjectival category, points are assigned by linear interpolation between the ranges listed.

## 3.3 Jefferson Lab environmental exceedances per fiscal year. (20 points)

Goal: To have no environmentally significant violations and to strive to minimize purely administrative violations.

#### **Oualifiers:**

- Violation points for multiple related concurrent violations will be treated as a single violation
- The scoring system for environmental exceedances in this performance measure closely parallels that of the Hampton Roads Sanitation District.

Data collection: EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected.

#### Scoring:

Values assigned as follows:

- A ".1" environmental exceedance for a purely administrative violation.
- A ".3" environmental exceedance for an environmentally significant violation that results in no long-term (typically less than 30 days) environmental damage.
- A "1.0" environmental exceedance for a violation that has a significant environmental impact of > 30 days.



Performance Level	Adjectival Rating	% of Assigned Points1
0.1 to 0	Outstanding	90 to 100
0.2 to 0.3	Excellent	80 to <90
0.4 to 0.7	Good	70 to <80
0.8 to 1.0	Marginal	60 to <70
1.1 to 1.5	Unsatisfactory (Poor)	50 to <60
1.6 to 3.0	Unsatisfactory (Failing)	0 to <50

# 3.4 Number of reportable and recordable exposures to radiation as ORPS SC3 occurrences, plus 5 times this number for ORPS SC2 occurrences. (6 points)

Goal: To have a satisfactory ALARA program, with no exposures > 80% of the ORPS SC3 threshold.

Qualifiers:

- Includes everyone on site (including adjacent space leased by SURA and those personnel covered by the Jefferson Lab radiation dosimetry program)
- Only the worst exposure is counted in an event involving radiation exposure
- Excludes exposures pre-approved in accordance with the 10 CFR835
- ORPS thresholds are as defined in DOE Manual 231.1-2, dated 8/19/03

**Data collection:** Radiation Control reports the information to EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected

Scoring: Based directly on exposures and program evaluation. Values assigned as follows:

- 0.00 for ALARA program rated better than satisfactory in the most recent internal evaluation (performed by the RadCon Manager during the preceding 12 months)
- 0.01 for ALARA program rated satisfactory in the most recent internal evaluation
- 0.1 for ALARA program rated less than adequate in the most recent internal evaluation
- 0.5 for an event in which the worst whole body exposure is above 80% but below 100% of the ORPS SC3 threshold
- 1.0 for an event in which the worst whole body exposure is above the ORPS SC3 threshold but below the SC2 threshold
- 5.0 for an event in which the worst whole body exposure is above the ORPS SC2 or higher threshold

AMENDMENT OF SOLICITATION	MODIFICATION	OF CONTRACT	1. CONTRACT ID COD	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REO. NO.	1 4
A299	See Blk 16C	W FIELD STORY OF COLOR	AUL NEW, NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (I	f other than Item 6) (	CODE
U.S. Department of Energy				
TJNAF Site Office			i	
12000 Jefferson Avenue				
Newport News, VA 23606		,		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cour	ity, State and ZIP Code)		(X) 9A. AMENDMENT	OF SOLICIATION NO.
Southeastern Universities Research Association, Inc.			1.4	,
1201 New York Avenue, NW				
Suite 430			9B. DATED (SEE IT	EM 11)
Washington, D.C. 20005			104 MODIFICATIO	AL OF CONTRACTOR
			DE-AC05-84ER	ON OF CONTRACT/ORDER NO.
			X 10B. DATED (SEE I	
			^	
	LITY CODE		August 3, 1984	
TT. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
The above numbered solicitation is amended as set forth in	n Item 14. The hour and	date specified for receipt of C	offers is extend	ded, is not extended.
Offers must acknowledge receipt of this amendment prior to the	e hour and date specified	in the solicitation or as amen	ded, by one of the following	ng methods;
(a)By completing items 8 and 15, and returningc	pies of the amendment; (	b) By acknowledging receipt	of this amendment on each	nony of the offer submitted.
PLACE DESIGNATED FOR THE RECEIPT OF DECEMBER PRIOR TO	to the solicitation and am	endment numbers. FAILURE	OF YOUR ACKNOWLEDG	MENT TO BE RECEIVED AT THE
your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and date	may be made by telegram specified.	or letter, provided each tele	gram or letter makes refere	nce to the solicitation and this
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
Increase of \$5,623,000				
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וו אוטטורובט ווו	E CONTRACT/ORD	DER NO. AS DESCRIE	ED IN ITEM 14.	
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NO. IN THEM TOA.	•			
B. THE ABOVE NUMBERED CONTRACT/ORC appropriation date, etc.) SET FORTH IN IT	DER IS MODIFIED TO REFL	ECT THE ADMINISTRATIVE	CHANGES (such as chang	es in paying office,
C. THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT	TO AUTHORITY OF FAR 43.1	O3(b).	
		TO ACTIONALLY OF.		
D. OTHER (Specify type of modification and a	uthority)			
X Increase in obligation of funds in accordar	ice with Clause I.79 "O	bligation of Funds."		
			n — conio	s to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized	Lby UCE analog has ill	The contract and regar	copie	s to the issuing office.
The state of the s	SEE FOLLOV	i, including solicitation/contra VING PAGES	ot subject matter where fe	asible.)
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xcept as provided herein, all terms and conditions of the docum 5A. NAME AND TITLE OF SIGNER (Type or print)	reneranced in Item 9A	or 10A, as heretofore chang 16A. NAME AND TITLE OF C	ed, remains unchanged an	d in full force and effect.
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(Signature of person authorized to sign)		(Signature o	of Contracting Officer)	12/14/04

Contract No. DE-AC05-84ER40150 Modification No. A299 Page 2 of 4

1. The amount under this contract is increased by \$5,623,000.00 from \$1,422,442,850.77 to \$1,428,065,850.77. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	
WA			1103	To Date
WA	KB0101021	500,000.00	2,650,000.00	183,844,075.00
WA	KB0101021 (EQU)	0,00	0.00	60,702,959.00
WA	KB0102011	2,500,000.00	9,515,000.00	510,053,777.00
WA	KB0102011 (AIP)	200,000.00	400,000.00	9,663,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	1,400,000.00	5,700,000.00	118,641,059.00
WA	KB0102012 (EQU)	500,000.00	1,076,951.00	39,183,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	100,000.00	425,000.00	10,491,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
YA	KB0401052	0.00	0.00	1,339,000.00
TC	392100000 30DD09470	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
Ϋ́A	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
.3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096) 400403309 (OP AGR-00-F-0439)	0.00	0.00	11,705,563.00
<b>J</b> 1	400403308 (OF AGK-00-F-0439)	0.00	0.00	9,029,126.21

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				Page 3 of 4
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR27199MPHS058)	0.00	200	
3T	400403309 FEL AGR SURA 03W007	0.00 0.00	0.00	11,959.00
<b>3T</b>	400403309(SURA2004W003)	0.00	0.00	12,621.00
3T	400403809 (AGR03N186-01)	0.00	0.00	5,943,689.32
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	2,387.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	17,018.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	42,129.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	956.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	6,500.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	87,421.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	8,148.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	467,960.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00 0.00	75,358.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	48,277.00
1Y	650102000 (AGR94-001)	0.00	0.00	6,796.00
1 <b>Y</b>	650102000 (AGR94-002)	0.00	0.00	20,000.00
1Y	650102000 (AGR980003)	0.00	0.00	203,651.00
1Y	650102000 (AGRS003)	0.00	0.00	27,180.00
1Y	650102000 (AGRSURÁ2002S002)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	29,544.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	89,986.00 30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	C\$502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	F\$1001000	10,000.00	467,000.00	2,192,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	F\$1002000 (GPP)	20,000.00	80,000.00	80,000.00
	FS1002300	0.00	0.00	0.00
	FS1002400	0.00	0.00	0.00
	FS1005000	65,000.00	165,000.00	1,088,000.00
**/*	FS1005100	0.00	0.00	0.00

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				Page 4 of 4
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005500	0.00		
WA	FS1009000	0.00	0.00	0.00
WA	FS1009300	0.00	25,000.00	268,000.00
WV	FS1001000	0.00	0.00	0.00
WV	FS1001100	0.00 0.00	0.00	145,773.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	0.00
WV	FS1002400	0.00	0.00	81,000.00
WV	FS1009000	0.00	0.00	0.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	0.00
WA	KA1502030	0.00	0.00	644,310.00
WA	KA1502030 (EQU)	0.00	0.00	35,000.00
WA	KC0204018	0.00	0.00	90,000.00
WA	KC0301030	0.00	0.00	11,943.00
WA	KG0801000	0.00	0.00	182,982.00
WA	KJ0101030		0.00	337,800.00
WA	KJ0102000	0.00	0.00	155,000.00
WA	KJ0102000 (EQU)	0.00	0.00	1,504,346.00
WA	KJ0200000	0.00	0.00	44,745.00
4V	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	0.00	722,350.00
WA	KL0201000 (LSTPD)	0.00	0.00	40,000.00
TE	KP1104010	0.00	0.00	177,000.00
WA	KP1401030	0.00 100,000.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	150,000.00	2,508,000.00
WA	KP1402010	0.00	55,000.00	920,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00 0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
WA	KT0201013	0.00	0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF	KV0101014	0.00	0.00	280,000.00
WA	KX0310211	0.00	0.00	612,000.00
YA	WB0100000	0.00	0.00	5,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
SA	YN1901000	0.00	0.00	125,000.00
SA	YN1901000 (39BP BP90)	0.00	0.00	98,652.00
YZ	YN1901000 (TSKOLDIPÁC)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00		3,505.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00 0.00	487.00
YZ	YN1901000 (TSK4400000101)	228,000.00	728,000.00	2,057,109.00
	,		120,000,00	728,000.00
	TOTAL	\$ 5,623,000.00	\$22,875,308.07	\$1,428,065,850.77

AMENDMENT OF SOLICITATION	N/MODIFICATION	OF CONTRACT	1. CONTRACT ID CO	DE	PAGE C	F PAGES
2. AMENDMENT/MODIFICATION NO. A300	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHA	ASE REQ. NO.	5. PROJECT	NO. (If appli	cble)
6. ISSUED BY CODE		7. ADMINISTERED BY (I	other than Item 6)	CODE		
U.S. Department of Energy						
TJNAF Site Office						
12000 Jefferson Avenue						
Newport News, VA 23606		1				
3. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and ZIP Code)		(X) 9A. AMENDMEN	T OF SOLICIA	TION NO.	
Southeastern Universities Research Association,	Inc.					
1201 New York Avenue, NW		,				
Suite 430			9B. DATED (SEE	(TEM 11)		
Washington, D.C. 20005			10A. MODIFICA	TION OF CONT	TDACT/ODD	ED NO
			DE-AC05-84E		I NACI (OND)	ER NO.
			X 108. DATED (SE			***********
			^			
CODE	FACILITY CODE		August 3, 198	4		
11. THIS I	TEM ONLY APPLIES TO	AMENDMENTS OF		<del></del>		*****
or (c) By separate letter or telegram which includes a ref PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRI your desire to change an offer already submitted, such c amendment, and is received prior to the opening hour an	OR TO THE HOUR AND DATE SI hange may be made by telegram	PECIFIED MAY RESULT IN F	EJECTION OF YOUR OF	FER. If by virt	tue of this ar	nendment
12. ACCOUNTING AND APPROPIRATION DATA (If requ	ired)					······································
crease of \$2,815,533.98						
	ONLY APPLIES TO MO			S.		
	S THE CONTRACT/ORD					
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PI	лизодит то: (эреспу ацтопту	) THE CHANGES SET FORT	HIN HEW 14 ARE WAD	E IN THE CON	THACT ON	)EM
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTI				anges in payin	g office,	·
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY OF:				
D. OTHER (Specify type of modification	n and authority)					
X Increase in obligation of funds in ac	cordance with Clause 1.79 "C	Obligation of Funds."		······································		
E. IMPORTANT: Contractor X is not,	is required to sign th	is document and retu	ırn ——— co	pies to the	issuing o	office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (O		s, including solicitation/cont WING PAGES	act subject matter wher	e feasible.)		
	,					
	a document referenced in Item 9					ct.
		ITGA. NAME AND TILL OF	CONTRACTING OFFICE	H (1ype or pri	nt)	
				m.		
Except as provided herein, all terms and conditions of the 16A. NAME AND TITLE OF SIGNER (Type or print)	15C DATE SIGNED	anes A. Turi, Admini		fficer	116C DA	TE SIGNE
15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	arges A. Turi, Admini	Alun'		16C. DA	TE SIGNE
16A. NAME AND TITLE OF SIGNER (Type or print)	15C. DATE SIGNED	arges A. Turi, Admini	AMERICA  OF Contracting Officer)		- 1/	11/00

Contract No. DE-AC05-84ER40150 Modification No. A300 Page 2 of 4

1. The amount under this contract is increased by \$2,815,533.98 from \$1,428,065,850.77 to \$1,430,881,384.75. As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

	non - :	, 	,	<u>.</u>
Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,650,000.00	183,844,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	9,515,000.00	510,053,777.00
WA	KB0102011 (AIP)	0.00	400,000.00	9,663,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	5,700,000.00	118,641,059.00
WA	KB0102012 (EQU)	0.00	1,076,951.00	39,183,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	425,000.00	10,491,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
<b>3</b> T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
<b>3</b> T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
<b>3</b> T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	2,815,533.98	2,815,533.98	2,815,533.98
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
31	400403309 (OP AGR000096)	0.00	0.00	11,705,563.0

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				1 ago 3 or 4
Fund Type	B&R Code	Change	FY05	To Date
OT:	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T		0.00	0.00	11,959.00
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,621.00
3T	400403309 FEL AGR SURA 03W007			5,943,689.32
3T	400403309(SURA2004W003)	0.00	0.00	
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	00.0	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGR\$003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
	650102000 (AGRSURA20025002)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA20025005)	0.00	0.00	29,544.00
1Y	· · · · · · · · · · · · · · · · · · ·	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S002)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)		0.00	5,915.00
1Y	650102000 (OP AGR00-004)	0.00		0.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	C\$502000	0.00	0.00	145,500.00
FG	C\$502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	467,000.00	2,192,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 FS1002000 (GPP)	0.00	80,000.00	80,000.00
WA	FS1002000 (GFF)	0.00	0.00	0.00
WA WA	FS1002300 FS1002400	0.00	0.00	0.00
		0.00	165,000.00	1,088,000.00
WA	FS1005000	0.00	100,000.00	1,000,000.00

DOE/TJNAF SITE OFC

Modification No. A300

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	B&R Code FS1005100	Change	FY05	To Date
	FS1005100			
		0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
		0.00	0.00	644,310.00
WA	KA1401030	0.00	0.00	35,000.00
WA	KA1502030	0.00	0.00	90,000.00
WA	KA1502030 (EQU)	0.00	0.00	11,943.00
WA	KC0204018	0.00	0.00	182,982.00
WA	KC0301030	0.00	0.00	337,800.00
WA	KG0801000			155,000.00
WA	KJ0101030	0.00	0.00	· ·
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	150,000.00	2,508,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	00.0	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (C9BF BI 30)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
		0.00	0.00	487.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	2,057,109.00
YZ YZ	YN1901000 (TSKER40150TJAAA) YN1901000 (TSK4400000101)	0.00	728,000.00	728,000.00
	TOTAL	\$ 2,815,533.98	\$25,690,842.05	\$1,430,881,384.75

AMENDMENT OF SOLICITATION	MODIFICATION (	OF CONTRACT	1. CONTRACT ID CODE	PAGE OF F	AGES 4
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REQ. NO. 5. PROJECT	NO. (If applicable)	
A301.	See Blk 16C	7. ADMINISTERED BY (I	f other than Item 6) CODE	<del></del>	
		- ADMINISTERED BY II	Totaler than felling, CODE		······································
U.S. Department of Energy					
TJNAF Site Office					
12000 Jefferson Avenue					
Newport News, VA 23606					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cou	nty, State and ZIP Code)		(X) 9A. AMENDMENT OF SOLICIA	TION NO.	
Southeastern Universities Research Association, Inc.					
1201 New York Avenue, NW			9B. DATED (SEE ITEM 11)		
Suite 430	•				
Washington, D.C. 20005			10A. MODIFICATION OF CON	TRACT/ORDER NO	5.
			DE-AC05-84ER40150		
•			X 10B. DATED (SEE ITEM 11)		
	CILITY CODE  ONLY APPLIES TO	AMENDMENTS OF	August 3, 1984	<del> </del>	
II. IMISTIEN	ONLT APPLIES 10	WINIEWDINIEW 19 OF	SOLICITATIONS		*********
or (a) By separate letter or telegram which includes a reference PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TYOUR desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and dat 12. ACCOUNTING AND APPROPIRATION DATA (If required) increase of \$1,941,747.57  13. THIS ITEM ON IT MODIFIES TO CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUNO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/O appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS ED. OTHER (Specify type of modification and	te to the solicitation and ame O THE HOUR AND DATE SIE may be made by telegram to specified.  SILY APPLIES TO MCHE CONTRACT/ORD  JANT TO: (Specify authority)  RDER IS MODIFIED TO REFLICTEM 14, PURSUANT TO TENTERED INTO PURSUANT	endment numbers. FAILUR PECIFIED MAY RESULT IN I or letter, provided each tele DDIFICATION OF CO DER NO. AS DESCRI ) THE CHANGES SET FORT LECT THE ADMINISTRATIV HE AUTHORITY OF FAR 43	REJECTION OF YOUR OFFER. If by viring a segment of letter makes reference to the NTRACTS/ORDERS.  BED IN ITEM 14.  H IN ITEM 14 ARE MADE IN THE CONTROL OF T	BE RECEIVED AT tue of this amend solicitation and th TRACT ORDER	THE ment
X Increase in obligation of funds in accord	ance with Clause I.79 "C	Obligation of Funds."			
E. IMPORTANT: Contractor X is not,	s required to sign th	is document and ret	urn copies to the	issuing offic	e.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organization)		s, including solicitation/cont VING PAGES	tract subject matter where feasible,)		
Except as provided herein, all terms and conditions of the doc 15A. NAME AND TITLE OF SIGNER (Type or print)	sument referenced in Item 9.		anged, remains unchanged and in full for FCONTRACTING OFFICER (Type or pr		
			istrative Contracting Officer	,	
15B. CONTRACTOR/OFFEROR	15C, DATE SIGNED	16B, UNITED STATES OF	AMERICA	16C. DATES	IGNED
	_	1 X dy W	Mun	_ 1112	05
(Signature of person authorized to sign)		(Signatu	re of Contracting Officer)	7	
NSN 7540-01-152-8070 Previous edition unusable Received Time Feb.	1. 3:21PM	V	STANDARD FO Prescribed by GSA F		

Contract No. DE-AC05-84ER40150 Modification No. A301 Page 2 of 4

1. The amount under this contract is increased by \$1,941,747.57 from \$1,430,881,384.75 to \$1,432,823,132.32. As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,650,000.00	183,844,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	9,515,000.00	510,053,777.00
WA	KB0102011 (AIP)	0.00	400,000.00	9,663,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	5,700,000.00	118,641,059.00
WA	KB0102012 (EQU)	0.00	1,076,951.00	39,183,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	425,000.00	10,491,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΥA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
<b>3</b> T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
<b>3</b> T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
<b>3</b> T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
<b>3</b> T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	1,941,747.57	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
	,			•

				1 age 5 01 4
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OF AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OF AGR-00-1-0439) 400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 (OF AGR27199MF13030) 400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309 FEL AGR SURA 05W007 400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400403009 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (AGK-2001-W003) 600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (OF AGR98003103) 600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2003W003) 600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2 T 2 Y	•	0.00	0.00	87,421.00
21 2Y	600302000 (OP AGR2000W001)	0.00	0.00	16,722.00
2Y	60030500 (AGR2002W005M) 600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W002) 600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR20000003)	0.00	0.00	467,960.00
2Y	, , , , , , , , , , , , , , , , , , ,	0.00	0.00	75,358.00
2 Y 2 Y	600305000 (AGR2004W002/W)	0.00	0.00	48,277.00
	600306000 (AGRSURA-2004W0000)	0.00	0.00	6,796.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-001)	0.00	0.00	203,651.00
1Y	650102000 (AGR94-002)	0.00	0.00	27,180.00
1Y	650102000 (AGR980003)	0.00	0.00	72.00
1Y	650102000 (AGRS003)	0.00	0.00	10,875.00
1Y 1Y	650102000 (AGRSURA2002\$002)	0.00	0.00	199,042.00
1 Y 1 Y	650102000 (AGRSURA2002S003)	0.00	0.00	29,544.00
1 Y 1 Y	650102000 (AGRSURA2003S002)	0.00	76,726.00	89,986.00
1 Y 1 Y	650102000 (AGRSURA2004S002)	0.00	30,000.00	30,000.00
1Y .	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y .	650102000 (AGRSURA2005S001)	0.00	0.00	5,915.00
	650102000 (OP AGR00-004)	0.00	0.00	0.00
1Y	650102000 (AGRSURA2004W004)		0.00	599,853.00
TC	820101000 (OP)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER401501111J CR40)	0.00 0.00	0.00	59,638,287.00
TC	820201000 (OP TSKER40150TJAAA CR40)		0.00	5,000.00
WA	AT5015033	0.00 0.00	0.00	44,328.00
TF	CS502000	0.00	0.00	145,500.00
FG	CS502000	0.00	0.00	115,000.00
FG TO	CS502000 (EQU)	0.00	0.00	954,954.00
TC	DP0817020	0.00	0.00	0.00
YA	EB550000	0.00	0.00	339,063.00
YA	EB5501000	0.00	0.00	104,537.00
YA	EB5502000	0.00	0.00	25,000.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	50,000.00
TE	EW09MM090 .	0.00	467,000.00	2,192,374.00
WA	F\$1001000			0.00
WA	FS1001100	0.00 0.00	0.00 0.00	0.00
WA	FS1001500			
WA	FS1002000	0.00	56,000.00	511,626.00 80,000.00
WA	FS1002000 (GPP)	0.00 0.00	00.000,08 00.0	0.00
WA	FS1002300		0.00	0.00
WA	FS1002400	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150 Modification No. A301 Page 4 of 4

				1450 . 02 .
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005000	0.00	165,000.00	1,088,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	F\$1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	F\$1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
		0.00	0.00	337,800.00
WA	KG0801000	0.00	0.00	155,000.00
WA	KJ0101030	0.00	0.00	1,504,346.00
WA	KJ0102000	0.00	0.00	44,745.00
WA	KJ0102000 (EQU)			
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	150,000.00	2,508,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	728,000.00	728,000.00
	TOTAL	\$ 1,941,747.57	\$27,632,589.62	\$1,432,823,132.32

AMENDMENT OF SOLICITATION/	MODIFICATION C	E CONTRACT	1. CONTRACT ID COI	DE PAGE OF PAGES	
		CONTINACT		1 5	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REQ. NO.	5. PROJECT NO. (If applicable)	
A302 6. ISSUED BY CODE	See Blk 16C	7 A DRABIOTEDED BY			
		7. ADMINISTERED BY (III	romer than item 6)	CODE	
U.S. Department of Energy					
TJNAF Site Office					
12000 Jefferson Avenue					
Newport News, VA 23606	•				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cou	inty, State and ZIP Code)		(X) 9A. AMENDMEN	T OF SOLICIATION NO.	
Southeastern Universities Research Association, Inc.		·			
1201 New York Avenue, NW					
Sulte 430			9B. DATED ISEE	ITEM 11)	
Washington, D.C. 20005			10A MODIFICAT	ION OF CONTRACT/ORDER NO.	
			DE-AC05-84E		
			100 DATED (CE		
			X TOB. DATED (SEE		
CODE	CILITY CODE	***************************************	August 3, 1984	1	
	ONLY APPLIES TO	AMENDMENTS OF		,	
In the above numbered collistation is amended as set forth in Item 14. The hour and date specified for receipt of Offers Is extended. Is not extended.  Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by Virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.  12. ACCOUNTING AND APPROPIRATION DATA (if required)  Increase of \$66,716,049.00  13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.  IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF:  D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor X is not,			·	•	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organic	zed by UCF section headings, SEE FOLLOW		ract subject matter where	o feasible.)	
•					
	•				
Except as provided herein, all terms and conditions of the doc 16A. NAME AND TITLE OF SIGNER (Type or print)		or 10A, as heretofore cha 6A. NAME AND TITLE OF			
		James W. Skinner, Co	ontracting Officer		
168. CONTRACTOR/OFFEROR	16C. DATE SIGNED	6B. UNITED STATES OF		16C. DATE SIGNED	
•		Janear W. Skr	ruly	Maulaer	
(Signature of person authorized to sign)		(Signature	e of Contracting Officer)	1/04/03	

Contract No. DE-AC05-84ER40150 Modification No. A302 Page 2 of 5

1. The amount under this contract is increased by \$66,716,049.00 from \$1,432,823,132.32 to \$1,499,539,181.32. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	2,586,000.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	39,261,000.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	800,000.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	800,000.00	800,000.00	8,724,000.00
WA	KB0102012	14,920,000.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	5,023,049.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	800,000.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	1,289,000.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
ΥA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
ΥA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE:500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57

Contract No. DE-AC05-84ER40150 Modification No. A302 Page 3 of 5

¢.				1 450 5 0x 5
Fund Type	B&R Code	Change	FY05	To Date
3 <b>T</b>	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	•	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	8,148.00
	600305000 (OP AGR2000W003)	0.00	0.00	467,960.00
2Y	600305000 (OP AGR99W001)		0.00	•
2Y	600305000 (AGR2004W002/W)	0.00		75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YΆ	EB5501000	0.00	0.00	339,063.00
YΑ	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	42,000.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	84,000.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	220,000.00	300,000.00	300,000.00
• • • •		-,	<del></del>	

Contract No. DE-AC05-84ER40150 Modification No. A302 Page 4 of 5

Fund Type	B&R Code	Change	FY05	To Date
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	288,000.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	47,000.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
W	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
W	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
W	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	99,000.00	99,000.00	821,350.00
WA	KL0103000 (PST)	37,000.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	320,000.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0,00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00

Contract No. DE-AC05-84ER40150 Modification No. A302 Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
YZ YZ	YN1901000 (TSKER40150TJAAA) YN1901000 (TSK4400000101)	0.00 100,000.00	0.00 828,000.00	2,057,109.00 828,000.00
	TOTAL	\$ 66,716,049.00	\$94,348,638.62	\$1,499,539,181.32

AMEN	DMENT OF SOLICITATION	MODIFICATION C	F CONTRACT	1. CONTRACT ID CO	DE	PAGE 1	OF PAGES
2. AMENDMEN	T/MODIFICAITON NO. M303	3. EFFECTIVE DATE 1-31-05	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT N	VO. (If ap	
6. ISSUED BY	CODE		7. ADMINISTERED BY (IF	other than Item 6)	CODE		
U.S. De	epartment of Energy	B	1		·		**
	Site Office	•					
	Jefferson Avenue		1				
	rt News, VA 23606	17/0 0 11	<u> </u>	(X) I9A, AMENDMEN	T OF POURLAT	ION NO	
B. NAME AND A	ADDRESS OF CONTRACTOR (No., street, co	unty, State and 21P Code)		(X) 9A. AMENDMEN	IT OF SOLICIAT	ION NO.	
Southe	astern Universities Research As	senciation Inc					
	ew York Avenue, NW	ssociation, inc.		9B. DATED (SEE	ITEM 11)		
		•					
Suite 43	<del>*</del> -			10A. MODIFICA	TION OF CONTI	RACT/OF	RDER NO.
wasnin	ngton, DC 20005			DE-AC05-8	34ER40150		
				X TOB. DATED (SE	E ITEM 11)		
		· ·					
CODE	the state of the s	CILITY CODE		August 3, 1	1984		
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS			
(a)By completing or (c) By separa PLACE DESIGN/ your desire to commendment, and	nowledge receipt of this amendment prior to g items 8 and 15, and returning te letter or telegram which includes a refere ATED FOR THE RECEIPT OF OFFERS PRIOR hange an offer already submitted, such chan d is received prior to the opening hour and d	coples of the amendment; (b nce to the solicitation and ame TO THE HOUR AND DATE SP ge may be made by telegram ate specified.	) By acknowledging receipt endment numbers. FAILURI ECIFIED MAY RESULT IN F	of this amendment on e FOF YOUR ACKNOWLE BEJECTION OF YOUR O	each copy of the DGMENT TO BI FFER. If by virti	E RECEIV	ED AT THE amendment
	N/A						
	IT MODIFIES	ONLY APPLIES TO MO THE CONTRACT/ORD	ER NO. AS DESCRI	BED IN ITEM 14.			
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.	SUANT TO: (Specify authority)	THE CHANGES SET FORT	H IN ITEM 14 ARE MAI	DE IN THE CON	TRACT	DRDER
	B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH II	NITEM 14, PURSUANT TO TH	IE AUTHORITY OF FAR 43		nanges in paying	office,	
V	C. THIS SUPPLEMENTAL AGREEMENT IS						
X	Clause I.100 DEAR 970.5204-78 Laws, R D. OTHER (Specify type of modification a		es (June 1997)		<del></del>		
	D. OTHER (Specify type of modification a	nd additionty)					
E. IMPORTA	ANT: Contractor ☐ is not, X	is required to sign thi	s document and reti	urn 2 c	opies to the	issuin	g office.
					ra fancible l		
14. DESCRIPTION	ON OF AMENDMENT/MODIFICATION (Orga SEF F	nized by UCF section needings OLLOWING PAGES	s, including solicitation/cont	tact subject matter with	are leading.		
				,			
	•						
Except as provi	ded herein, all terms and conditions of the d	ocument referenced in Item 9.	A or 10A, as heretofore cha	inged, remains unchang	jed and in full fo	rce and	effect.
15A. NAME AN	ND TITLE OF SIGNER (Type or print)		16A, NAME AND TITLE O	CONTRACTING OFFICE	CER (Type or pri	nt)	
	- Amortis			<u> </u>			
	DRAAYER, PRESIDEN	T.SURA-	James W. Skinne		LICEL,	14.00	DATE COMP
15B CONTRAC	CYONOFEROR	15C. DATE SIGNED	166 UNITED STATES OF	AMMICA		1160.	DATE SIGNED
Spenney &	Killing and the second of the	- 2/17/05	James W.	young)	rl ·	-  ^	-117 <i>10</i> 5
1 (7 (Si	gnature of person authorized to sign)	Carl 1 1 8 Car	(Signatu	e of Contracting Office			- 1

NSN 7540-01-152-8070 Previous edition unusable

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification M303 Page 2 of 2

- 1. The purpose of this modification is to add DOE Order 205.12 entitled "CLEARING, SANITIZING, AND DESTROYING IFORMATION SYSTEM STORAGE MEDIA, MEMORY DEVICES AND OTHER RELATED HARDWARE" to List B of Appendix E of subject contract.
- 2. All other terms and conditions remain unchanged and in full force and effect.

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15/.	vvo	

AMEN	DMENT OF SOLICITATION	/MODIFICATION C	F CONTRACT	1. CONTRACT ID CO	DE	PAGE 1	OF PAGES
2. AMENDMEN	IT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT	1 '	
6. ISSUED BY	M304 CODE	See Block 16C	7. ADMINISTERED BY (If	other than Item 6)	CODE	T	···
U.S. D TJNAF 12000	epartment of Energy Site Office Jefferson Avenue	<u> </u>		out of their roll of	CODE		
•	ort News, VA 23606					<del>, , , , , , , , , , , , , , , , , , , </del>	
Southe 1201 N Suite 4	ADDRESS OF CONTRACTOR (No., street, or eastern Universities Research A New York Avenue, NW 130 ngton, DC 20005		·	9B. DATED (SEE  10A. MODIFICA DE-AC05-8 X 10B. DATED (SE	ITEM 11) TION OF CON 14ER4015	TRACT/OF	IDER NO.
				^			
CODE		ACILITY CODE	ALIFAIRLEPLINA	August 3, 1	984		
	11. IHIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	OLICITATIONS			
PLACE DESIGN your desire to a mendment, ar		TO THE HOUR AND DATE SP type may be made by telegram late specified.  DNLY APPLIES TO MO	PECIFIED MAY RESULT IN R or letter, provided each tele	EJECTION OF YOUR OF YOUR OF YOUR OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF T	FFER. If by vi ference to the	rtue of this	amendment
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.	THE CONTRACT/ORD SUANT TO: (Specify authority)			DE IN THE CO	NTRACT	PRDER
	B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH II	N ITEM 14, PURSUANT TO TH	HE AUTHORITY OF FAR 43.		anges In payi	ng office,	
Х	C. THIS SUPPLEMENTAL AGREEMENT IS	S ENTERED INTO PURSUANT 1	TO AUTHORITY OF:				
	FAR 43.103(a)(3)  D. OTHER (Specify type of modification a	nd authority)				<u> </u>	<del></del>
E. IMPORT	ANT: Contractor is not, X	is required to sign thi	s document and retu	rn <u>2</u> co	pies to th	e issuin	g office.
14. DESCRIPTI	ION OF AMENDMENT/MODIFICATION (Orga	nized by UCF section headings	, including solicitation/contr	act subject matter whe	re feasible.)		
	SEE F	OLLOWING PAGES					·
Except as prov	rided herein, all terms and conditions of the d	locument referenced in Item 9					effect.
	ND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF				
JERRY.	DRAAYEB, PRESTDENT	T, SURA	James W. Skinner	, Contracting Of	ficer		
16B-GONTRA	стонуобренов		16B UNITED STATES OF			16C.	DATE SIGNED
1 Os	ignature of person authorized to sign)	2/17/05	(Signatur	e of Contracting Officer	)		11703

Contract No. DE-AC05-84ER40150 Modification M304 Page 2 of 2

- 1. The purpose of this modification is to:
  - a. Revise Section G of the contract in its entirety (copy attached).
  - b. Revise Appendix F of the contract in its entirety (copy attached).
  - c. Revise Appendix H of the contract in its entirety (copy attached).
- 2. All other terms and conditions remain the same.

AMENDMENT OF SOLICITATION	MODIFICATION (	OF CONTRACT	1, CONTRACT ID CO	DDE	PAGE OF PAG
2. AMENDMENT/MODIFICATION NO. A305	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT	NO. (If applicble)
6. ISSUED BY CODE		7. ADMINISTERED BY (If	other than Item 6)	CODE	
U.S. Department of Energy		7		'	·
TJNAF Site Office		·			
12000 Jefferson Avenue					
Newport News, VA 23606					
3. NAME AND ADDRESS OF CONTRACTOR (No., street, co	**	ļ	(X) 9A. AMENDMEN	IT OF SOLICIAT	TION NO.
Southeastern Universities Research Association, Inc	•		İ		
1201 New York Avenue, NW			9B. DATED (SEE	ITFM 11)	
Suite 430			Jos. Bytteb (GEE	. , , , , , , , , , , , , , , , , , , ,	
Washington, D.C. 20005		-	10A. MODIFICA	TION OF CONT	RACT/ORDER NO.
			DE-AC05-84E		
			X 10B. DATED (SE		<del></del>
			^		
CODE FA	CILITY CODE		August 3, 198	34	
11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF			<del></del>
CHECK ONE  A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/	NLY APPLIES TO MOTHE CONTRACT/ORESUANT TO: (Specify authority)	DER NO. AS DESCRIED THE CHANGES SET FORTH	BED IN ITEM 14. HIN ITEM 14 ARE MAI	DE IN THE CON	وروان والمسترافظ والمراوان والمسترافق والمسترافق والمسترافق والمسترافق والمسترافق والمسترافق والمسترافق والمسترا
appropriation date, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMENT IS			103(b).		
D. OTHER (Specify type of modification at X Increase in obligation of funds in accordance)	••	Obligation of Funds."			
E. IMPORTANT: Contractor X is not,	is required to sign th	is document and retu		<u> </u>	issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organ	,	s, including solicitation/conti WING PAGES	act subject matter whe	re feasible.)	
Except as provided herein, all terms and conditions of the display. NAME AND TITLE OF SIGNER (Type or print)					
		James W. Skinner, Co	ontracting Officer		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B UNITED STATES OF			16C. DATE SIGN
	į	June IN St	imes		- 2/17/0
(Signature of person authorized to sign)		(Signatur	e of Contracting Officer	7)	-  24/17/09

Contract No. DE-AC05-84ER40150 Modification No. A305 Page 2 of 5

1. The amount under this contract is increased by \$1,333,123.30 from \$1,499,539,181.32 to \$1,500,872,304.62. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	1 1,159,223 30	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0,00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
<b>3T</b>	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
<b>3</b> T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
<b>3</b> T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Contract No. DE-AC05-84ER40150 Modification No. A305 Page 3 of 5

				1 460 2 01 2
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
<b>3</b> T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0,00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	0.00	0.00
ΥA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00

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				1 460 1 01 0
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
W	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000 `	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150l111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00

Contract No. DE-AC05-84ER40150 Modification No. A305 Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
YZ YZ	YN1901000 (TSK4400000101) YN1901000 (TSK4400000239)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	887,900.00 114,000.00	887,900.00 114,000.00
		# 2 <b>\$</b> @1\333\123.30	\$95,681,761.92	\$1,500,872,304.62

AMENDMENT OF SOLICITATION	MODIFICATION (	OF CONTRACT	1. CONTRACT ID CO	PAGE OF PAGES  1 5
2. AMENDMENT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	IASE REQ. NO.	5. PROJECT NO. (If applicable)
A308	See Blk 16C			
6. ISSUED BY CODE		7. ADMINISTERED BY (	If other than Item 6)	CODE
epartment of Energy				
AF Site Office				* ,«
12000 Jefferson Avenue				
Newport News, VA 23606				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, coo	inty, State and ZIP Code)		(X) 9A. AMENDME	NT OF SOLICIATION NO.
Southeastern Universities Research Association, Inc.				•
1201 New York Avenue, NW	•			
Suite 430			9B. DATED (SE	EITEM 11)
Washington, D.C. 20005				
				TION OF CONTRACT/ORDER NO.
			DE-AC05-84I	
			X TOB. DATED (S	LL (
CODE FA	CILITY CODE	<u></u>	August 3, 198	34
	ONLY APPLIES TO	AMENDMENTS OF		
The above numbered solicitation is amended as set forth Offers must acknowledge receipt of this amendment prior to (a)By completing items 8 and 15, and returning or (c) By separate letter or telegram which includes a referen PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and dates.	the hour and date specified in copies of the amendment; (but the solicitation and ame TO THE HOUR AND DATE SF Is may be made by telegram	n the solicitation or as ame ) By acknowledging receip endment numbers. FAILUF ECIFIED MAY RESULT IN	ended, by one of the folk t of this amendment on RE OF YOUR ACKNOWLE REJECTION OF YOUR O	each copy of the offer submitted; EDGMENT TO BE RECEIVED AT THE FFER. If by virtue of this amendment
12. ACCOUNTING AND APPROPIRATION DATA (If required)	<del>- 10-10-10-10-10-10-10-10-10-10-10-10-10-1</del>			
Increase of \$13,304.00	•			
	NLY APPLIES TO MO			RS.
	THE CONTRACT/ORD			
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURS	UANT TO: (Specify authority	THE CHANGES SET FOR	TH IN ITEM 14 ARE MA	DE IN THE CONTRACT ORDER
B. THE ABOVE NUMBERED CONTRACT/O	RDER IS MODIFIED TO BEFL	ECT THE ADMINISTRATIV	/E CHANGES (such as c	hanges in paying office,
appropriation date, etc.) SET FORTH IN				
C. THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	O AUTHORITY OF:		
D. OTHER (Specify type of modification and	••			
X Increase in obligation of funds in accord	dance with Clause I.79 "C	bligation of Funds."		
E. IMPORTANT: Contractor X is not,	is required to sign thi	s document and ret	turn ——— c	opies to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organ		s, including solicitation/con VING PAGES	itract subject matter who	ere feasible.)
	,			
•				
Except as provided herein, all terms and conditions of the do	cument referenced in Item 9			
15A, NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE C	JE CONTRACTING OFFI	ocu (rype or print)
•		James A. Turi. Admi	nistrative Contracting	Officer
CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF		16C. DATE SIGNED
		SILL	11 Alun	2/2/105
(Signature of person authorized to sign)		(Signati	ure of Contracting Office	
		1 1	07.4	AID A DD EODM 20 (bc) 40.001

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 The amount under this contract is increased by \$13,304.00 from \$1,501,507,080.43 to \$1,501,520,384.43. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
·WA	KB0401052	0.00	0.00	1,339,000.00
ΥA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
À	39KB00000 (87R203)	0.00	0.00	312,939,618.00
À	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
٦T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
7	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
. J	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	. 2,815,533.98	2,815,533.98

⊂und Type	B&R Code	Change	FY05	To Date
o <sub>ger</sub> o <b>T</b>	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y .	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1	650102000 (AGR94-001)	0.00	0.00	20,000.00
Á	650102000 (AGR94-002)	0.00	0.00	203,651.00
	650102000 (AGR980003)	0.00	0.00	27,180.00
	650102000 (AGRS003)	0.00	0.00	72.00
	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
	650102000 (AGRSURA2002S003)	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
	650102000 (AGRSURA2003S002)	0.00	0.00	199,042.00
	650102000 (AGRSURA2004S002)	0.00	76,726.00	29,544.00
	650102000 (AGRSURA2004S003)	0.00	30,000.00	89,986.00
	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00 30,000.00
	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
	820101000 (OP)	0.00	0.00	599,853.00
	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	
	820201000 (OP TSKER401501111J CR40)	0.00	0.00	56,624.00 5.033,574.00
	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	5,933,571.00 59,638,287.00
	AT5015033	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
	CS502000	(84.00)		5,000.00
	CS502000		(84.00)	44,244.00
	CS502000 (EQU)	0.00	0.00	145,500.00
	DP0817020	(1,612.00)	(1,612.00)	113,388.00
	EB550000	0.00	0.00	954,954.00
	EB5501000	0.00	0.00	0.00
	EB5502000	0.00	0.00	339,063.00
	EL1703000 (OPFWP #EL17039)	0.00	0.00	104,537.00
<u>2</u>	EW09MM090	0.00	0.00	25,000.00
'}	FS1001000	0.00	0.00	50,000.00
	FS1001000 FS1001100	0.00	509,000.00	2,234,374.00
A A\(\triangle \)	1 3 100 1 100	0.00	0.00	0.00

-und Type	B&R Code		Change	FY05	To Date
v <sub>alan</sub> √A	FS1001500		0.00	0.00	0.00
WA	FS1002000		0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)		0.00	300,000.00	300,000.00
WA	FS1002300		0.00	0.00	0.00
WA	FS1002400		0.00	0.00	0.00
WA	FS1005000	•	0.00	453,000.00	1,376,000.00
WA	FS1005100		0.00	0.00	0.00
WA	FS1005500		0.00	0.00	0.00
WA	FS1009000		0.00	72,000.00	315,000.00
WA	FS1009300		0.00	0.00	0.00
WV	FS1001000		0.00	0.00	145,773.00
W	FS1001100		0.00	0.00	0.00
WV	FS1001500		0.00	0.00	0.00
· WV	FS1002000		0.00	0.00	81,000.00
WV	FS1002400		0.00	0.00	0.00
WV	FS1009000		0.00	0.00	9,000.00
WV	FS1009300		0.00	0.00	0.00
WA	KA1401030		0.00	0.00	644,310.00
WA	KA1501020		15,000.00	15,000.00	15,000.00
• WA	KA1502030		0.00	0.00	35,000.00
WA	KA1502030 (EQU)		0.00	0.00	90,000.00
WA	KC0204018		0.00	0.00	11,943.00
WA	KC0301030		0.00	0.00	182,982.00
'WA	KG0801000		0.00	0.00	337,800.00
)A	KJ0101030		0.00	0.00	155,000.00
√ÝA	KJ0102000		0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)		0.00	0.00	44,745.00
WA	KJ0200000		0.00	0.00	534,909.00
4V	KL0101000		0.00	0.00	122,618.00
WA	KL0101000 (SULI)		0.00	99,000.00	821,350.00
WA	KL0103000 (PST)		0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)		0.00	232,920.00	409,920.00
ŢF	KP1104010		0.00	0.00	13,000.00
WA	KP1401030		0.00	470,000.00	2,828,000:00
WA	KP1401030 (EQU)		0.00	55,000.00	920,000.00
. WA	KP1402010		0.00	0.00	175,600.00
WA	KP1402010 (EQU)		0.00	0.00	439,400.00
WA	KS0101000	:	0.00	0.00	4,000.00
WA	KS0101000 (EQU)		0.00	0.00	6,861.00
WA	KT0101014		0.00	0.00	380,000.00
WA	KT0101017		0.00	0.00	412,000.00
WA	KT0101019		0.00	0.00	5,000.00
WA	KT0101025		0.00	0.00	9,702.00
WA	KT0201013		0.00	0.00	87,300.00
TF	KV0101012		0.00	0.00	280,000.00
TF	KV0101014		0.00	0.00	612,000.00
WA	KX0310211		0.00	0.00	5,000.00
YA	WB0100000		0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)		0.00	0.00	125,000.00
Α	YN1901000		0.00	0.00	98,652.00
HeedSA	YN1901000 (39BP BP90)		0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)		0.00	0.00	419,622.00

Contract No. DE-AC05-84ER40150 Modification No. A308 Page 5 of 5

Tund Type	B&R Code		Change	FY05		To Date
	YN1901000 (TSKER40150I111J)		0.00	0	.00	3,505.00
€ Z YZ	YN1901000 (TSKER40150JLAAA)		0.00	. 0	.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)		.0.00	0	.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)		0.00	887,900	.00	887,900.00
YZ	YN1901000 (TSK4400000239)	<del></del>	0.00	114,000	.00	114,000.00
	TOTAL		13,304.00	\$96,329,84	1.73	\$1,501,520,384.43

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE PAGE OF		
2. AMENDMENT/MODIFICAITON NO. A307	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		7. ADMINISTERED BY (IF	other than item 6)	CODE	
U.S. Department of Energy		7			
TJNAF Site Office		}			
12000 Jefferson Avenue					
Newport News, VA 23606  8. NAME AND ADDRESS OF CONTRACTOR (No., street, or	unty State and 710 Code		/VI IGA AMENINAPAI	T OF SOLICIATION NO.	
Southeastern Universities Research Association, Inc.	•		(X) 9A. AMENDMEN	IT OF SOLICIATION NO.	
1201 New York Avenue, NW	•				
,		İ	9B. DATED (SEE	ITEM 11)	
Suite 430					
Washington, D.C. 20005		İ	10A. MODIFICA	TION OF CONTRACT/ORDER NO.	
			DE-AC05-84E	R40150	
		ļ	X 10B. DATED (SE	E ITEM 11)	
			1		
	ACILITY CODE		August 3, 198	4	
11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS		
	ONLY APPLIES TO MO THE CONTRACT/ORE	DER NO. AS DESCRIE	BED IN ITEM 14.		
B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH I	N ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43.	•	anges in paying office,	
D. OTHER (Specify type of modification a	nd authority)			<del>, , </del>	
X Increase In obligation of funds in acco	rdance with Clause 1.79 "C	Obligation of Funds."			
E. IMPORTANT: Contractor X is not,	is required to sign th	is document and retu	ırn ——— co	ppies to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Orga			ract subject matter whe	re feasible.)	
	SEE POLLO	WING PAGES			
Except as provided herein, all terms and conditions of the c	locument referenced in Item G	A or 10A as heretofore cha	nged remains unchang	ed and in full force and effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)	comment referenced in Item 8	16A. NAME AND TITLE OF			
The state of the s					
•		James A. Turl, Admin	istrative Contracting	Officer	
15B, CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B UNITED STATES OF		16C. DATE SIGNE	
(Signature of person authorized to sign)		4 Signatur	re of Contracting Officer	13/4/25	

Contract No. DE-AC05-84ER40150 Modification No. A307 Page 2 of 5

1. The amount under this contract is increased by \$396,516.00 from \$1,501,110,564.43 to \$1,501,507,080.43. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0,00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002VV003)	0.00	0.00	4,308,737.86
3T	400403109 (2001-W004/2002/W003)	0.00	0.00	1,708,737.86
3T	400403109 (AGRSURA02W003) 400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
		0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171J)		0.00	170,679.61
3T	400403309 (AGRN00014-03-F-0171K)	0.00		3,883,495.15
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79 169,708.74
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94 545,631.07
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07 2,815,533.98
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,810,033.9

Pand Type					rage 5 or 5
3T   400403308 (AGSURA03W002)	Fund Type	B&R Code	Change	FY05	To Date
3T         400403309 (AGSURA03W002)         0.00         0.00         718,446,60           3T         400403309 (OP AGR-00-F-0439)         0.00         0.00         117,05,583 00           3T         400403309 (OP AGR-00-F-0439)         0.00         0.00         9,029,126 21           3T         400403309 (EL AGR SUBPASOSS)         0.00         0.00         11,959,00           3T         400403309 (SURA2004W003)         0.00         0.00         5,943,689,32           3T         400403809 (AGR03M188-01)         0.00         0.00         5,943,689,32           3T         400403809 (AGR03M188-01)         0.00         0.00         5,339,81         5,339,81           3Y         400409900 (AGRSURA2001W002)         0.00         0.00         17,018,00           3Y         40041200 (AGRY10R133700)         0.00         0.00         17,018,00           2Y         60031010 (AGR-2001-W003)         0.00         0.00         198,222.00           2Y         60031010 (AGRSURA2004W004)         0.00         0.00         198,222.00           2Y         60031020 (AGRSURA2004W004)         0.00         0.00         6,600.00           2Y         60031020 (AGRSURA2004W004)         0.00         0.00         6,600.00 <tr< td=""><td></td><td>400403309 (AGRN00014-04-F-0171V)</td><td>0.00</td><td>1,941,747.57</td><td>1,941,747.57</td></tr<>		400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T         400403309 (OP AGR00096)         0.00         1,17,05,683.00           3T         400403309 (OP AGR-06-F-0439)         0.00         0.00         9,029,126.21           3T         400403309 (OP AGR-27198MPH5058)         0.00         0.00         11,959.00           3T         400403309 FEL AGR SURA 03W007         0.00         0.00         5,943,689.32           3T         400403309 (GRRSURA 2004W003)         0.00         0.00         5,943,689.32           3T         400407000 (AGRSURA 2004W007)         0.00         0.00         2,387,00           3Y         400407000 (AGRSURA 2004W007)         0.00         0.00         0.00         17,018.00           3Y         400412000 (AGRSURA 2001W002)         0.00         0.00         0.00         42,129.00           2Y         600301010 (AGR-2001-W003)         0.00         0.00         0.00         42,129.00           2Y         6003010120 (AGRSURA 2003W003)         0.00         0.00         956.00           2Y         600301020 (AGRSURA 2000W001)         0.00         0.00         956.00           2Y         600301020 (AGRSURA 2000W003)         0.00         0.00         8,00           2Y         60035000 (DP AGR-2000W003)         0.00         0.00		400403309 (AGSURA03W002)	0.00		
3T 400403309 (OP AGR-00F-0439) 0.00 0.00 1,000 1,1959.00 3T 400403309 (EL AGR SURA 03W007 0.00 0.00 1,2621.00 3T 400403309 (EL AGR SURA 03W007 0.00 0.00 0.00 1,2621.00 3T 400403309 (SURA2004W003) 0.00 0.00 0.00 5,943,689.32 3T 400407000 (AGRSURA2004W007) 0.00 0.00 0.00 2,387.00 3Y 400407000 (AGRSURA2004W007) 0.00 0.00 0.00 1,7018.00 3Y 400409300 (AGRSURA2004W002) 0.00 0.00 0.00 17,018.00 3Y 400409300 (AGRSURA2004W002) 0.00 0.00 0.00 17,018.00 3Y 400412000 (AGRSURA2004W003) 0.00 0.00 0.00 1,7018.00 3Y 400412000 (AGRSURA2004W003) 0.00 0.00 0.00 956.00 3Y 400412000 (AGRSURA2003W003) 0.00 0.00 0.00 956.00 3Y 400412000 (AGRSURA2003W003) 0.00 0.00 0.00 956.00 3Y 400412000 (AGRSURA2003W003) 0.00 0.00 0.00 956.00 3Y 400412000 (AGRSURA2003W003) 0.00 0.00 0.00 956.00 0.00 3Y 40041200 (AGRSURA2004W004) 0.00 0.00 0.00 65.00.00 3Y 40041200 (AGRSURA2004W004) 0.00 0.00 0.00 65.00.00 3Y 40041200 (AGRSURA2004W004) 0.00 0.00 0.00 65.00.00 3Y 40041200 (AGRSURA2004W004) 0.00 0.00 0.00 65.00.00 3Y 40041200 (AGRSURA2004W004) 0.00 0.00 0.00 67.00 3Y 47.00 3Y 40040500 (OP AGR2000W001) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 0.00 3Y 47.00 3Y 40040500 (OP AGR2000W003) 0.00 0.00 0.00 0.00 0.00 0.00 0.00		400403309 (OP AGR000096)	0.00		
3T         400403309 (OP AGRZ7199MPHS058)         0.00         0.00         11,958 00           3T         400403309 (EPL AGR SURA 03W007)         0.00         0.00         5,943,689.32           3T         400403309 (SURA2004W003)         0.00         0.00         5,943,689.32           3T         400407000 (AGRSURA2004W007)         0.00         0.00         2,387.00           3Y         4004097001 (AGRSURA2001W002)         0.00         0.00         17,018.00           3Y         400412000 (AGRSURA2001W002)         0.00         0.00         170,118.00           3Y         400412000 (AGRSURA2001W003)         0.00         0.00         42,129.00           2Y         600301010 (AGR-2001-W003)         0.00         0.00         198,282.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         6,000.00           2Y         600305000 (OP AGRSUMMO3)         0.00         0.00         16,722.00           2Y         600305000 (OP AGRSUMMO3)         0.00         0.00         16,722.00           2Y         600305000 (AGRSUMMO3)         0.00         0.00         16,722.00           2Y	3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	
3T         400403399 FEL AGR SURA 03W007         0.00         0.00         5,943,689,32           3T         400403309 (AGR03N186-01)         0.00         0.00         5,943,689,32           3T         400403809 (AGR03N186-01)         0.00         0.00         2,367,00           3Y         400409900 (AGRSURA2004W002)         0.00         0.00         17,018,00           3Y         400412000 (AGRYLQR133700)         0.00         0.00         17,018,00           2Y         600301010 (OF AGR86003105)         0.00         0.00         0.00         188,292,00           2Y         600301010 (OF AGR86003105)         0.00         0.00         0.00         188,292,00           2Y         600301010 (OF AGR86003105)         0.00         0.00         6,000,00           2Y         60030102 (AGRSURA2003W003)         0.00         0.00         6,000,00           2Y         60030500 (OF AGR2000W001)         0.00         0.00         87,421,00           2Y         60030500 (OF AGR2000W002)         0.00         0.00         87,421,00           2Y         600305000 (OF AGR2000W002)         0.00         0.00         81,48,00           2Y         600305000 (OF AGR200W002)         0.00         0.00         467,960,00 <td>3T</td> <td>400403309 (OP AGR27199MPHS058)</td> <td></td> <td></td> <td>•</td>	3T	400403309 (OP AGR27199MPHS058)			•
3T         400403309(SURA2004W003)         0.00         0.00         5,943,689.32           3T         400403809 (AGR03N186-01)         0.00         0.00         2,387.00           3Y         400407000 (AGRSURA2004W007)         0.00         5,339.81         5,339.81           3Y         400412000 (AGRY10R133700)         0.00         0.00         0.00         42,129.00           2Y         600301010 (AGR-2001-W003)         0.00         0.00         0.00         956.00           2Y         600301010 (OP AGR96003105)         0.00         0.00         0.00         198,292.00           2Y         600301010 (OP AGR96004004)         0.00         0.00         6,00.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         6,00.00           2Y         600302000 (OP AGR2000W0021)         0.00         0.00         6,00.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         3,487.00           2Y         600305000 (OP AGR9000W002)         0.00         0.00         467,980.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00	3T	400403309 FEL AGR SURA 03W007			
3T         400403809 (AGROSN186-01)         0.00         0.00         2,387.00           3Y         400407000 (AGRSURA2004W007)         0.00         5,339.81         5,339.81           3Y         400409900 (AGRSURA2001W002)         0.00         0.00         17,018.00           3Y         400412000 (AGRY1OR133700)         0.00         0.00         0.00         956.00           2Y         600301010 (OP AGR9B003105)         0.00         0.00         0.00         198.292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         0.00         198.292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         86,000.00           2Y         60030500 (AGRZ000W005M)         0.00         0.00         87,421.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         48,188.00           2Y         600305000 (OP AGR2000W001)         0.00         0.00         48,775.00           2Y         600305000 (AGRSURA200W0001)         326,516.00	3T	400403309(SURA2004W003)	0.00		
3Y         400407000 (AGRSURA2004W007)         0.00         5,339.81         5,339.81           3Y         40040900 (AGRSURA2001W002)         0.00         0.00         17,018.00           3Y         400412000 (AGRY1CR133700)         0.00         0.00         42,129.00           2Y         600301010 (AGR-2001-W003)         0.00         0.00         198,292.00           2Y         600301010 (OP AGRS0003105)         0.00         0.00         198,292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         6,500.00           2Y         600320100 (OP AGR2000W001)         0.00         0.00         6,500.00           2Y         600320500 (OP AGR2000W005M)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         487,296.00           2Y         600305000 (OP AGR990001)         0.00         0.00         487,960.00           2Y         600305000 (AGRS04W002M)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA20005W001)         326,516.00         326,516.00         326,516.00	3T	400403809 (AGR03N186-01)			
3Y         400409900 (AGRSURA2001W002)         0.00         0.00         17,018.00           2Y         600301010 (AGR-2001-W003)         0.00         0.00         956.00           2Y         600301010 (OP AGR98003105)         0.00         0.00         198.292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         66,000.00           2Y         600301020 (AGRSURA2003W004)         0.00         0.00         6,500.00           2Y         600302000 (OP AGR2000W001)         0.00         0.00         86,000.00           2Y         600305000 (AGR2002W005M)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR200W003)         0.00         0.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         0.00         0.00         48,277.00 <td>3Y</td> <td>400407000 (AGRSURA2004W007)</td> <td></td> <td></td> <td></td>	3Y	400407000 (AGRSURA2004W007)			
3Y         400412000 (AGRY1OR133700)         0.00         0.00         42,129.00           2Y         600301010 (OP AGR98003105)         0.00         0.00         198,292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         86,000.00           2Y         600305000 (OP AGR2000W0051)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002/W)         70,000         0.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         20,3651.00 <td< td=""><td>3Y</td><td>400409900 (AGRSURA2001W002)</td><td></td><td></td><td>'</td></td<>	3Y	400409900 (AGRSURA2001W002)			'
2Y         600301010 (AGR-2001-W003)         0.00         0.00         195.00           2Y         600301010 (OP AGR98003105)         0.00         0.00         198,292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         86,000.00           2Y         600302000 (OP AGR200W001)         0.00         0.00         86,000.00           2Y         600305000 (AGR2002W005M)         0.00         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,487.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         39,487.00           2Y         600305000 (OP AGR200W003)         0.00         0.00         467,990.00           2Y         600305000 (AGR2004W002/W)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           1Y         650102000 (AGRSURA2005W001)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGRSURA2001)         0.00         0.00	3Y				
2Y         600301010 (OP AGR8800316S)         0.00         0.00         198,292.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         6,500.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         6,500.00           2Y         60030500 (OP AGR2000W005M)         0.00         0.00         0.00         187,421.00           2Y         60030500 (OP AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         70,000.00         70,000.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W001)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGRSURA2005W001)         0.00         0.00         0.00         326,516.00           1Y         650102000 (AGRSURA2005W001) <th< td=""><td>2Y</td><td>,</td><td></td><td></td><td></td></th<>	2Y	,			
2Y         600301020 (AGRSURA2003W003)         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         87,021.00           2Y         600302000 (OP AGR2000W001)         0.00         0.00         87,421.00           2Y         60030500 (AGR2002W008M)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         38,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002/W)         70,000.00         70,000.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         320,000.00         320,000.00         320,000.00         32	2Y	·			
2Y         600301020 (AGRSURA2004W004)         0.00         0.00         6,500.00           2Y         800302000 (OP AGR2000W001)         0.00         0.00         16,722.00           2Y         60030500 (AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W001)         0.00         0.00         467,960.00           2Y         600305000 (OP AGR2004W002/W)         70,000.00         70,000.00         467,960.00           2Y         600305000 (AGR2004W002/W)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA-2005W001)         326,516.00         326,516.00         328,516.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         20,3651.00           1Y         650102000 (AGRSURA2003)         0.00         0.00         20,200.00           1	2Y	·			
2Y         600302000 (OP AGR2000W001)         0.00         0.00         87,421.00           2Y         60030500 (AGR2002W005M)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002W)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y					
2Y         60030500 (ÅGR2002W005M)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         8,148.00           2Y         600305000 (OP AGR200W001)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002/W)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA-2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         6,796.00           1Y         650102000 (AGR94-002)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR894-002)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         76,726.00		•			
2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W003)         0.00         0.00         8,148.00           2Y         600305000 (OP AGR2004W002/W)         70,000.00         70,000.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGRSURA-2004W0000)         0.00         0.00         0.00         6,766.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR84-002)         0.00         0.00         20,000.00         17         650102000 (AGR8003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         19,042.00         17         650102000 (AGRSURA2002S003)         0.00         0.00         19,042.00           1Y         650102000 (AGRSURA200S030)         0.00         0.00         0.00 </td <td></td> <td>·</td> <td></td> <td></td> <td>•</td>		·			•
2Y         600305000 (OP AGR2000W003)         0.00         0.00         8,148.00           2Y         600305000 (OP AGR99W001)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002/W)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA-2005W001)         326,516.00         326,516.00         326,516.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         20,000.00           1Y         650102000 (AGR98003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         198,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00 <td></td> <td>·</td> <td></td> <td></td> <td></td>		·			
2Y         600305000 (OP AGR99W001)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002W)         70,000.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR84-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR898003)         0.00         0.00         20,3651.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2005S001)         0.00         30,000.00					
2Y         600305000 (AGR2004W002/W)         70,000.00         70,000.00         145,388.00           2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         203,651.00           1Y         650102000 (AGR94-002)         0.00         0.00         0.00         203,651.00           1Y         650102000 (AGR98003)         0.00         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA02004S003)		· · · · · · · · · · · · · · · · · · ·			•
2Y         600305000 (AGRSURA2005W001)         326,516.00         326,516.00         326,516.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         20,000.00           1Y         650102000 (AGR80003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S004)         0.00         30,000.00         30,000.00 <td< td=""><td></td><td>·</td><td></td><td></td><td></td></td<>		·			
2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         49,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR980003)         0.00         0.00         203,651.00           1Y         650102000 (AGRSURA2003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y<		· · · · · · · · · · · · · · · · · · ·		•	·
1Y         650102000 (AGR-2001-S002)         0.00         0.00         6,798.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         203,651.00           1Y         650102000 (AGR80003)         0.00         0.00         27,180.00           1Y         650102000 (AGRS003)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2005S001)         0.00         30,000.00         30,000.00           1Y         650102000 (OP AGR00-004)         0.00         0.00         5,915.00           1Y         6501		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· ·
1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         203,651.00           1Y         650102000 (AGR980003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         59,853.00           TC </td <td></td> <td>•</td> <td></td> <td></td> <td></td>		•			
1Y         650102000 (AGR94-002)         0.00         0.00         203,651.00           1Y         650102000 (AGR980003)         0.00         0.00         27,180.00           1Y         650102000 (AGRS003)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S002)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         0.00         5,915.00           1Y         650102000 (OP AGR00-004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,935.00           1C		· · · · · · · · · · · · · · · · · · ·			
1Y         650102000 (AGR980003)         0.00         0.00         27,180.00           1Y         650102000 (AGRS003)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S002)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004S003)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004S004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,985.00           1C					
1Y       650102000 (AGRS003)       0.00       0.00       72.00         1Y       650102000 (AGRSURA2002S002)       0.00       0.00       10,875.00         1Y       650102000 (AGRSURA2002S003)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S002)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       0.00       5,915.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (OP FSKER 40150JLAAA CR40)       0.00       0.00       5,985.30         TC       820201000 (OP TSKER 40150JJAAA CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       5,9638,287.00         WA       AT5015033       0.00       0.00       5,000.00					
1Y       650102000 (AGRSURA2002S002)       0.00       0.00       10,875.00         1Y       650102000 (AGRSURA2002S003)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,985.00         TC       820101000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       5,985.00         TC       820201000 (OP TSKER 40150J111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       5,000.00         VMA       AT5015033       0.00       0.00       0.00					
1Y       650102000 (AGRSURA2002S003)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       599,853.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       59,33,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         VMA       AT5015033       0.00       0.00       5,000.00         FG       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       0.00       954,954.00		·			
1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00		· · · · · · · · · · · · · · · · · · ·			
1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00		· · · · · · · · · · · · · · · · · · ·			-
1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00					
1Y       650102000 (AGRSURA2005S001)       0.00       30,000.00       30,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS602000       0.00       0.00       145,500.00         FG       CS602000 (EQU)       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00		,			•
1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       59,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00				-	•
1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       59,638,287.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000 (EQU)       0.00       0.00       145,500.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00		· · · · · · · · · · · · · · · · · · ·		-	-
TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00					
TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00		·			
TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00		, ,			
TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00       0.00		·			
WA       AT5015033       0.00       0.00       5,000.00         TF       CS502000       0.00       0.00       44,328.00         FG       CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00					
TF         C\$502000         0.00         0.00         44,328.00           FG         C\$502000         0.00         0.00         145,500.00           FG         C\$502000 (EQU)         0.00         0.00         115,000.00           TC         DP0817020         0.00         0.00         954,954.00           YA         EB550000         0.00         0.00         0.00					
FG         C\$502000         0.00         0.00         145,500.00           FG         C\$502000 (EQU)         0.00         0.00         115,000.00           TC         DP0817020         0.00         0.00         954,954.00           YA         EB550000         0.00         0.00         0.00					
FG       C\$502000 (EQU)       0.00       0.00       115,000.00         TC       DP0817020       0.00       0.00       954,954.00         YA       EB550000       0.00       0.00       0.00					
TC         DP0817020         0.00         0.00         954,954.00           YA         EB550000         0.00         0.00         0.00					
YA EB550000 0.00 0.00 0.00		· ·			
					•
YA EB5501000 0.00 0.00 339,063.00					
· · · · · · · · · · · · · · · · · · ·					
YA EB5502000 0.00 0.00 104,537.00					
HA EL1703000 (OPFWP #EL17039) 0.00 0.00 25,000.00		•			
TE EW09MM090 0.00 0.00 50,000.00		EW09MM090			
WA FS1001000 0.00 509,000.00 2,234,374.00		FS1001000		•	
WA FS1001100 0.00 0.00 0.00	WA	FS1001100	0.00	0.00	0.00

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				Page 4 01 5
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
w	FS1001000	0.00	0.00	145,773.00
W	FS1001100	0.00	0.00	0.00
W	FS1001500	0.00	0.00	0.00
W	FS1002000	0.00	0.00	81,000.00
W	FS1002400	0.00	0.00	0.00
W	FS1009000	0.00	0,00	9,000.00
WV	FS1009000 FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
		0.00	0.00	90,000.00
WA	KA1502030 (EQU)	0.00	0.00	11,943.00
WA	KC0204018	0.00	0.00	182,982.00
WA	KC0301030	0.00	0.00	337,800.00
WA	KG0801000	0.00	0.00	155,000.00
WA	KJ0101030	0.00	0.00	1,504,346.00
WA	KJ0102000		0.00	44,745.00
WA	KJ0102000 (EQU)	0.00	0.00	534,909.00
WA	KJ0200000	0.00	0.00	122,618.00
4V	KL0101000	0.00 0.00	99,000.00	821,350.00
WA	KL0101000 (SULI)	0.00	37,000.00	77,000.00
WA	KL0103000 (PST)	0.00	232,920.00	409,920.00
WA	KL0201000 (LSTPD)	0.00	0.00	13,000.00
TF	KP1104010	0.00	470,000.00	2,828,000.00
WA	KP1401030	0.00	55,000.00	920,000.00
WA	KP1401030 (EQU)		0.00	175,600.00
WA	KP1402010	0.00	0.00	439,400.00
WA	KP1402010 (EQU)	0.00 0.00	0.00	4,000.00
WA	KS0101000			6,861.00
WA	KS0101000 (EQU)	0.00	0.00	380,000.00
WA	KT0101014	0.00	0.00	•
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00 9,702.00
WA	KT0101025	0.00	0.00	•
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0,00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00

Contract No. DE-AC05-84ER40150 Modification No. A307 Page 5 of 5

Fund Type	B&R Code	 Change	FY05	To Date
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	 0.00	114,000.00	114,000.00
	TOTAL	\$ 396,516.00	\$96,316,537.73	\$1,501,507,080.43

AMENDMENT OF SOLICITATION	MODIFICATION	OF CONTRACT	1. CONTRACT ID CO	DE PAGE OF PAGES
2. AMENDMENT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH.	ASE REQ. NO.	5. PROJECT NO. (If applicable)
A308 6. ISSUED BY CODE	See Blk 16C	7. ADMINISTERED BY (II	other than Item 6)	CODE
		- NOMINIOTERED BY W	outor train tom of	
epartment of Energy				• *
AF Site Office				
12000 Jefferson Avenue				
Newport News, VA 23606				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cou	unty, State and ZIP Code)		(X) 9A. AMENDMEN	IT OF SOLICIATION NO.
Southeastern Universities Research Association, Inc.				
1201 New York Avenue, NW				
Suite 430			9B. DATED (SEE	ITEM 11)
		_		
Washington, D.C. 20005		-	10A. MODIFICA	TION OF CONTRACT/ORDER NO.
			DE-AC05-84E	ER40150
			X 10B. DATED (SE	E ITEM 11)
CODE	CILITY CODE		August 3, 198	4
11. THIS ITEM	A ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
The above numbered solicitation is amended as set forth Offers must acknowledge receipt of this amendment prior to (a)By completing items 8 and 15, and returning or (c) By separate letter or telegram which includes a referent PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR T your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and date.	the hour and date specified copies of the amendment; (to the solicitation and am FO THE HOUR AND DATE SIES TO THE HOUR AND DATE SIES TO THE WAY BE MADE BY telegram with the state of the s	in the solicitation or as amer  b) By acknowledging receipt  endment numbers. FAILURI  PECIFIED MAY BESULT IN A	nded, by one of the follo of this amendment on e E OF YOUR ACKNOWLE	each copy of the offer submitted;
12. ACCOUNTING AND APPROPIRATION DATA (If required)	<del></del>			
	,			
Increase of \$13,304.00	W V ADDUTE TO ME	DIFICATION OF CO.	UTD 4 0T0 (0D0 ED	
IT MODIFIES T	NLY APPLIES TO MO THE CONTRACT/ORD	DIFICATION OF CO	NTRACTS/URDER RFD IN ITFM 14	i5.
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUNO. IN ITEM 10A.				E IN THE CONTRACT ORDER
B. THE ABOVE NUMBERED CONTRACT/OF appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS E	ITEM 14, PURSUANT TO TH	HE AUTHORITY OF FAR 43.		anges in paying office,
o, ma son estillative Adhelinetti lo e		TO AUTHORITY OF:		
D. OTHER (Specify type of modification and X Increase in obligation of funds in accord	• •	bligation of Funds."		
				pies to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organiz		s, including solicitation/contr VING PAGES	act subject matter wher	e feasible.)
Except as provided herein, all terms and conditions of the doc	ument referenced in Item 9/	Nor 104 se heretofore obse	and romaine unobando	d and in full force and affect
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF		
	1			
	j	James A. Turi, Adminis	strative Contracting C	Officer
CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF A		16C. DATE SIGNED
	] ]	W/////	1 Deur	1,1,1,5
(Signature of person authorized to sign)		(Signature	f Contracting Officer)	7 12/100

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 The amount under this contract is increased by \$13,304.00 from \$1,501,507,080.43 to \$1,501,520,384.43. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012 `	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
ŴΑ	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
*WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
<b>3</b>	39KB00000 (87R203)	0.00	0.00	312,939,618.00
A	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T 3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M) 400403309 (AGRN00014-04-F-0171N)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N) 400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00 0.00	0.00 0.00	970,873.79
रा	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	169,708.74 485,436.89
	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
;	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
* *	400403309 (AGRN00014-04-F-0171U)	0.00	. 2,815,533.98	2,815,533.98
J1	TOTOGOOD (ACINIOUS 14-04-1-017 10)	0.00	, Z <sub>1</sub> 0 10 <sub>1</sub> 000.80	2,010,000.90

cund Type	B&R Code	Change	FY05	To Date
T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
*` 3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y .	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
À	650102000 (AGR94-001)	0.00	0.00	20,000.00
	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	(84.00)	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	(1,612.00)	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
ΥA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
ίĀ	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
<u> </u>	EW09MM090	0.00	0.00	50,000.00
:-::/A	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00

⁻und Type	B&R Code	Change	FY05	To Date
1		0.00	0.00	0.00
. √A	FS1001500	0.00	140,000.00	595,626.00
WA	FS1002000	0.00	300,000.00	300,000.00
WA	FS1002000 (GPP)	0.00	0.00	0.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	453,000.00	1,376,000.00
WA	FS1005000		0.00	0.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	72,000.00	315,000.00
WA	FS1009000	0.00	0.00	0.00
WA	FS1009300	0.00	0.00	145,773.00
WV	FS1001000	0.00	0.00	0.00
WV	FS1001100	0.00 0.00	0.00	0.00
W	FS1001500	0.00	0.00	81,000.00
W	FS1002000	0.00	0.00	0.00
W	FS1002400		0.00	9,000.00
W	FS1009000	0.00	0.00	0.00
W	FS1009300	0.00 0.00	0.00	644,310.00
WA	KA1401030		15,000.00	15,000.00
WA	KA1501020	15,000.00 0.00	0.00	35,000.00
WA	KA1502030	0.00	0.00	90,000.00
WA	KA1502030 (EQU)	0.00	0.00	11,943.00
WA	KC0204018	0.00	0.00	182,982.00
WA	KC0301030		0.00	337,800.00
·γγΑ	KG0801000	0.00	0.00	155,000.00
)A	KJ0101030	0.00	0.00	1,504,346.00
√VA	KJ0102000	0.00		44,745.00
WA	KJ0102000 (EQU)	0.00	0.00	534,909.00
WA	KJ0200000	0.00	0.00	
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00 409,920.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	13,000.00
ŢF	KP1104010	0.00	0.00	2,828,000.00
WA	KP1401030	0.00	470,000.00	920,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	· · · · · · · · · · · · · · · · · · ·
. WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	_ 0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
Ά	YN1901000	0.00	0.00	98,652.00
≒₩®A	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00 419,622.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	413,022.00

Contract No. DE-AC05-84ER40150 Modification No. A308 Page 5 of 5

Tund Type	B&R Code	<u>Change</u>	FY05	To Date
Z YZ YZ YZ YZ	YN1901000 (TSKER40150I111J) YN1901000 (TSKER40150JLAAA) YN1901000 (TSKER40150TJAAA) YN1901000 (TSK4400000101) YN1901000 (TSK4400000239)	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 887,900.00 114,000.00	3,505.00 487.00 2,057,109.00 887,900.00 114,000.00
12	TOTAL	\$ 13,304.00	\$96,329,841.73	\$1,501,520,384.43

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\$/.	v	v	o	

AMENDMENT OF SOLICITATI	ON/MODIFICATION C	OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	14. REQUISITION/PURCHA	ASE DEO NO. IS	. PROJECT NO. (If applicable)
A309	See Blk 16C	4. NEGOIST TON/FOROTI	ASIZ NECZ. IVO.	. Phodeor No. (iii applicate)
6. ISSUED BY COL		7. ADMINISTERED BY (IF	other than Item 6) C	ODE
U.S. Department of Energy	I managara na mana	1		<u> </u>
•			•	
TJNAF Site Office				
12000 Jefferson Avenue				
Newport News, VA 23606				
8. NAME AND ADDRESS OF CONTRACTOR (No., stre	•		(X) 9A. AMENDMENT	OF SOLICIATION NO.
Southeastern Universities Research Association	n, Inc.			
1201 New York Avenue, NW			9B. DATED ISEE IT	EM 11)
Suite 430			BB. BATED (GEETT	LIVI 117
Washington, D.C. 20005			10A. MODIFICATIO	ON OF CONTRACT/ORDER NO.
			DE-AC05-84ER	40150
		•	X 10B. DATED (SEE I	
			<b> ^</b>	
CODE	FACILITY CODE		August 3, 1984	
11. THIS	ITEM ONLY APPLIES TO	AMENDMENTS OF		
or (c) By separate letter or telegram which includes a PLACE DESIGNATED FOR THE RECEIPT OF OFFERS F your desire to change an offer already submitted, such amendment, and le received prior to the opening hour	PRIOR TO THE HOUR AND DATE SP In change may be made by telegram	PECIFIED MAY RESULT IN F	REJECTION OF YOUR OFFE	R. If by virtue of this amendment
12. ACCOUNTING AND APPROPIRATION DATA (If re	quired)		······································	
Increase of \$970,873.79				
IT MODIF	M ONLY APPLIES TO MO IES THE CONTRACT/ORD	ER NO. AS DESCRI	BED IN ITEM 14.	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED NO. IN ITEM 10A.	PURSUANT TO: (Specify authority	) THE CHANGES SET FORT	TH IN ITEM 14 ARE MADE	IN THE CONTRACT ORDER
appropriation date, etc.) SET FO	RACT/ORDER IS MODIFIED TO REFL RTH IN ITEM 14, PURSUANT TO TH	HE AUTHORITY OF FAR 43	E CHANGES (such as char .103(b).	ges in paying office,
C. THIS SUPPLEMENTAL AGREEMS	NT IS ENTERED INTO PURSUANT	TO AUTHORITY OF:		
D. OTHER (Specify type of modifica	·			
X Increase in obligation of funds in	accordance with Clause 1.79 "C	obligation of Funds."		·
E. IMPORTANT: Contractor X is not,				
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by UCF section heading	s, including solicitation/con	tract subject matter where	feasible.)
	SEE PULLO	WING PAGES		
Except as provided herein, all terms and conditions o	f the document referenced in How O	A or 10A, as heretofore ch	anged, remains unchanged	and in full force and effect.
Except as provided herein, all terms and conditions o  15A. NAME AND TITLE OF SIGNER (Type or print)	i the document referenced in item s	16A. NAME AND TITLE C	F CONTRACTING OFFICE	R (Type or print)
TOW TAMBLE WIND THEE OF GIGHER (1 The or built)				
		James W. Skinner, C	Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. ONITED STATES OF	AMERICA	16C. DATE SIGNI
		Janua W.	Sames	Unne
(Signature of person authorized to gign)		(Signatu	ure of Contracting Officer)	4-11-05

Contract No. DE-AC05-84ER40150 Modification No. A309 Page 2 of 5

1. The amount under this contract is increased by \$970,873.79 from \$1,501,520,384.43 to \$1,502,491,258.22. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0,00	1,339,000.00
YΑ	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
<b>3</b> T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
<b>3</b> T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	.0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
<b>3</b> T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Contract No. DE-AC05-84ER40150 Modification No. A309 Page 3 of 5

				rage 5 or 5
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	970,873.79	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (AGR-2001-77003) 600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	,	0.00	0.00	•
2Y	600301020 (AGRSURA2004W004)			6,500.00
	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	0.00	0.00
Ϋ́Α	EB5501000	0.00	0.00	339,063.00
ΥA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
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Contract No. DE-AC05-84ER40150 Modification No. A309 Page 4 of 5

				Page 4 of 5
Fund Type	B&R Code	Change	FY05	To Date
WA	FS1001100	0.00	0.00	. 0.00
WA	FS1001500	0.00	0.00	0.00 0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	F\$1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
VVA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	F\$1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	15,000.00	15,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	K\$0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00

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Fund Type	B&R Code	Change	FY05	To Date
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
Ϋ́Z	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$ 970,873.79	\$97,300,715.52	\$1,502,491,258.22

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE PAGE OF			OF PAG	PAGES		
2. AMENDMENT/MODIFICATO				ASE DE	o No	Ir ppo iro	100.00	1	5
	310	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHA	45E ME	a. NO.	5. PROJECT	I IVO, (IT ap	plicpie)	
6. ISSUED BY	CODE	OCC DIK 100	7. ADMINISTERED BY (IF	other	than Item 6)	CODE			
U.S. Department of Energy			·				L		
TJNAF Site Office									
12000 Jefferson Avenue									
Newport News, VA 23606	OUTDA OTOB (N			(32)	OA AMENIDARA	T OF COLIO	ATION NO	<del>, , , , , , , , , , , , , , , , , , , </del>	
<ol> <li>NAME AND ADDRESS OF Continues of Continues o</li></ol>				(X)	9A. AMENDMÉN	I OF SULICI	AHON NO.		
1201 New York Avenue, N	,	•							
	/ V				9B. DATED (SEE	ITEM 11)			
Suite 430			:	ĺ					
Washington, D.C. 20005					10A. MODIFICA	TION OF COM	TRACT/OF	RDER NO.	
					DE-AC05-84E	R40150			
				х	108. DATED (SE	E ITEM 11)			
				1		•			
CODE		CILITY CODE	A MENDAZENTO OF	COL	August 3, 198	4	***************************************		-
	II. IHIS IIEI	M ONLY APPLIES TO	AMENDMENTS OF	SOLI	CITATIONS		···········		
CHECK ONE A. THIS CHA	13. THIS ITEM O IT MODIFIES NGE ORDER IS ISSUED PURS	NLY APPLIES TO MO THE CONTRACT/ORD	DER NO. AS DESCRI	BED	IN ITEM 14.		NTRACT (	DRDER	
appropria	VE NUMBERED CONTRACT/ tion date, etc.) SET FORTH IN PLEMENTAL AGREEMENT IS	ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43			anges in payi	ng office,		
D. OTHER (S	pecify type of modification a	nd authority)	······································				-7	~~ · · · · · · · · · · · · · · · · · ·	
X Decrease In	obligation of funds in acco	ordance with Clause I.79	'Obligation of Funds."						
E. IMPORTANT: Cont	ractor X is not.	is required to sign th	is document and reti	urn .	со	pies to th	e issuin	g office.	
14. DESCRIPTION OF AMEND						re fessible )			
14. DESCRIPTION OF AWEND	MEM I/MODIFICATION (Organ		WING PAGES	Li act și	DJeck matter who	re readible.			
		i							
				_					
Except as provided herein, all		ocument referenced in Item 5	A or 10A, as heretofore cha 116A. NAME AND TITLE O					erfect.	
15A. NAME AND TITLE OF SI	GNER (Type or print)		TOM. NAME AND THEE O	, con	THE TING OFFIC	er rishe or l	11 Fb.f		
			James W. Skinner O	ontra	otina Officer				
15B. CONTRACTOR/OFFEROR	₹	15C, DATE SIGNED	James W. Skinner, C				16C.	DATE SIG	NED
100. CONTINUIONOFFENOR	1		Januar W.	XI	mali		1.1	1 1	
(Signature of pers	son authorized to sign)			re of C	Contracting Office	.)	<b> </b> ₹	129/0	ነζ ፟

Contract No. DE-AC05-84ER40150 Modification No. A310 Page 2 of 5

1. The amount under this contract is decreased by \$37,000.00 from \$1,502,491,258.22 to \$1,502,454,258.22.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA .	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΥA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0,00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
<b>3</b> T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (ASK-2001-W003) 600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (OF AGR98003103) 600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	6,500.00
2Y	•	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00 46,732.00
2Y	60030500 (AGR2002W005M)			16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y ,	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	0.00	0.00
ΥA	EB5501000	0.00	0.00	339,063.00
ΥA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
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Contract No. DE-AC05-84ER40150 Modification No. A310 Page 4 of 5

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	F\$1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
Ŵ	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
wv	FS1002400	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
w	FS1009000	0.00		0.00
W	FS1009300	0.00	0.00	9,000.00
WA	KA1401030		0.00	0.00
WA	KA1501020	0.00	0.00	644,310.00
WA	KA1502030	0.00	15,000.00	15,000.00
WA WA		0.00	0.00	35,000.00
WA WA	KA1502030 (EQU)	0.00	0.00	90,000.00
	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	(37,000.00)	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	, 0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	, 0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000 `	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00

Contract No. DE-AC05-84ER40150 Modification No. A310 Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ.	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$ (37,000.00)	\$97,263,715.52	\$1,502,454,258.22

AMENDMENT OF SOLICITATION/	MODIFICATION	OF CONTRACT	1. CONTRACT ID C	ODE PA	AGE OF PAC	
2. AMENDMENT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT NO	). (If applicble)	5
A311	See Blk 16C			}		
6. ISSUED BY CODE		7. ADMINISTERED BY (II	f other than Item 6)	CODE		
partment of Energy				• .		
Site Office						
12000 Jefferson Avenue						
Newport News, VA 23606						
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cour	nty, State and ZIP Code)		(X) 9A. AMENDME	NT OF SOLICIATIO	N NO.	
Southeastern Universities Research Association, Inc.						
1201 New York Avenue, NW						
Suite 430			9B. DATED (SE	E ITEM 11)		
Washington, D.C. 20005			10A MODIFICA	ATION OF CONTRA	CT/ORDER MO	
			DE-AC05-84		OTOTIDEN NO.	
			X 10B. DATED (S			
			^			
CODE	CILITY CODE		August 3, 19	84		
11. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS			***************************************
The above numbered solicitation is amended as set forth	in Item 14. The hour and	date specified for receipt of (	Offers is ex	ctended. is	not extended.	
Offers must acknowledge receipt of this amendment prior to 1		•		· —	not extended;	
•	•	(b) By acknowledging receipt		ū	ffer submitted;	
or (c) By separate letter or telegram which includes a reference	e to the solicitation and am	nendment numbers. FAILURI	E OF YOUR ACKNOWL	EDGMENT TO BE F	RECEIVED AT TH	E
PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR T your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and dat	e may be made by telegran	PECIFIED MAY RESULT IN F n or letter, provided each tele	REJECTION OF YOUR Cogram or letter makes re	PFFER. If by virtue eference to the soli	of this amendme citation and this	nt
12. ACCOUNTING AND APPROPIRATION DATA (If required)						
Decrease of \$59,232.00						
		ODIFICATION OF CO DER NO. AS DESCRI		RS.		
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSU	JANT TO: (Specify authorit	y) THE CHANGES SET FORT	H IN ITEM 14 ARE MA	DE IN THE CONTR	ACT ORDER	******
NO. IN ITEM 10A.						
	***************************************					
B. THE ABOVE NUMBERED CONTRACT/OI appropriation date, etc.) SET FORTH IN				hanges in paying o	ffice,	
C. THIS SUPPLEMENTAL AGREEMENT IS E			. 103(b).			
o. This contracting Advantage 10 2						
D. OTHER (Specify type of modification and	l authority)					
X Decrease in obligation of funds in accor	dance with Clause I.79	"Obligation of Funds."				
		nis document and retu	urn — c	opies to the is	suing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organiz		gs, including solicitation/cont DWING PAGES	ract subject matter wh	ere feasible.)		***************************************
		•				
	ormoomb voforon I to Ita	OA or 10A so borotoforo -br	anged remains unchang	ned and in full force	e and effect	
Except as provided herein, all terms and conditions of the doc 15A. NAME AND TITLE OF SIGNER (Type or print)	cument referenced in Item S	16A. NAME AND TITLE OF	F CONTRACTING OFFI	CER (Type or print)	, and 01100t,	
TON. HANGE AND THEE OF SIGNER (Type of print)			/ - /			
	·	James A Turi, Admin	istrative Contracting	Officer		
NTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF		ب	16C. DATE SIG	NED
		Xaul	MAXW	<u>(                                    </u>	5/26	105
(Signature of person authorized to sign)		/ (Signatur	re of Contracting Office	er)	0 00	V

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 he amount under this contract is decreased by \$59,232.00 from \$1,502,454,258.22 to \$1,502,395,026.22.

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	(1,400,000.00)	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	
WA (	KB0102011	-2,200,0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	<b>(2,200,000.00)</b>		8,263,000.00
WA	KB0102011 (GPP)	0.00	00.000,008	8,724,000.00
WA	KB0102012	4,600,000.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	(1,800,000.00)	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	650,000.00	2,150,000.00	2,150,000.00
WA .	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
*	39DP08170	0.00	0.00	967,442.00
}	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΥA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	*1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
•	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
31	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Type	B&R Code	Change	FY05	To Date
all market	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
.5Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
,	600305000 (AGRSURA2005W002)	3,768.00	3,768.00	3,768.00
)	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Ÿ	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURÁ2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	27,000.00	57,000.00	57,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
VΑ	EB550000	0.00	0.00	0.00
	EB5501000	0.00	0.00	339,063.00
( )	EB5502000	0.00	0.00	104,537.00
HÀ	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
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# Contract No. DE-AC05-84ER40150 Modification No. A311 Page 4 of 5

	Type B&R Code			Page 4 of 5
)))    <b>vv</b> A	- Sitt Gode	Change	FY05	To Date
WA	. 0.100.1000	0.00		10 Date
WA	1 0 100 1 100	0.00	509,000.00	2,234,374.00
WA WA	FS1001500	0.00	0.00	
WA	FS1002000	0.00	0.00	0.00
WA	FS1002000 (GPP)	0.00	140,000.00	0.00 595,626.00
WA	FS1002300	0.00	300,000.00	300,000.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000 FS1005100	- 0.00	0.00	0.00
WA	FS1005100	0.00	453,000.00	1,376,000.00
WA	FS1009000	0.00	0.00	0.00
WA	FS1009300	0.00	0.00	0.00
W	FS1001000	0.00	72,000.00	315,000.00
W	FS1001100	0.00	0.00	0.00
W	FS1001500	0.00	0.00	145,773.00
W	FS1002000	0.00	0.00	0.00
W	FS1002000 FS1002400	0.00	0.00	0.00
W	FS1009000	0.00	0.00	81,000.00
W	FS100000	0.00	0.00	0.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030 KA1501020	0.00	0.00	0.00
WA	KA1502030	0.00 10,000.00	0.00	644,310.00
`VA	KA1502030		25,000.00	25,000.00
(	KA1502030 (EQU)	0.00	0.00	35,000.00
/	KC0204018 \ KC0301030	0.00	0.00	90,000.00
WA	KC0301030	0.00	0.00	11,943.00
WA	KG0801000	0.00	0.00	182,982.00
WA	KJ0101030	0.00	0.00	337,800.00
WA	KJ0102000	0.00	0.00	155,000.00
WA	KJ0102000 (EQU)	50,000.00	50,000.00	1,554,346.00
4V	KJ0200000	0.00	0.00	44,745.00
WA	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	99,000.00	821,350.00
TF	KL0201000 (LSTPD)	0.00	0.00	40,000.00
WA	KP1104010	0.00	232,920.00	409,920.00
WA	KP1401030	0.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	470,000.00	2,828,000.00
WA	KP1402010	0.00	55,000.00	920,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
TF	KT0201013	0.00	0.00	9,702.00
τF	KV0101012	0.00	0.00	87,300.00
Ά	KV0101014	0.00	0.00	280,000.00
i	KX0310211	0.00	0.00	612,000.00
SA	WB0100000	0.00	0.00	5,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
<b>υ</b> Λ	WN0219080	0.00	0.00	125,000.00
		(17,005.00)	(17,005.00)	(17,005.00)
			•	(11,000.00)

## Contract No. DE-AC05-84ER40150 Modification No. A311 Page 5 of 5

	Type B&R Code	Change	FY05	To Date
SA	WN0219080 (RWN02DUMMY	) 17,005.00	17,005.00	17,005.00
SA	YN1901000 `	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
ΥZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
ΥZ	YN1901000 (TSKER40150I11	1J) 0.00	0.00	3,505.00
YΖ	YN1901000 (TSKER40150JLA	(AA) 0.00	0.00	487.00
ΥZ	YN1901000 (TSKER40150TJA	AAA) 0.00	0.00	2,057,109.00
ΥZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$ (59,232.00)	\$97,204,483.52	\$1,502,395,026.22

AMENDMENT OF	MO	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	SE BEO NO	E PPO IECT	NO. (If applicble)
AMENDMEN I/MODIFICATION		1	4. NEGUISHTUN/PURCHA	ASE MEU. NO.	a. PROJECT	ио. (п арристе)
, ISSUED BY	CODE	See Blk 16C	7. ADMINISTERED BY (IF	other than Item 6)	CODE	1
						L
Department of Energy						<b>x</b> < yx
F Site Office						
2000 Jefferson Avenue						
lewport News, VA 23606		1700		OU TON ANGUONE	NT OF COLICIA	TION NO
NAME AND ADDRESS OF CO				(X) 9A. AMENDME	ANT OF SOCICIA	TION NO.
outheastern Universities Re	·	•				
201 New York Avenue, NW				9B. DATED (SE	E ITEM 11)	
uite 430						
Vashington, D.C. 20005				10A. MODIFICA	ATION OF CONT	TRACT/ORDER NO.
				DE-AC05-84	ER40150	
				X 10B. DATED (S	EE ITEM 11)	
		·				
ODE		CILITY CODE		August 3, 19	84	
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS		
our desire to change an offer all	eady submitted, such chan	ge may be made by telegrar	n or letter, provided each tele	<b>4</b>		
our desire to change an offer all	eady submitted, such chan to the opening hour and d	ge may be made by telegrar	n or letter, provided each tele			
our desire to change an offer all mendment, and is received prior	to the opening hour and d	ge may be made by telegrar ate specified.	n or letter, provided each tele			
our desire to change an offer all mendment, and is received prior 2. ACCOUNTING AND APPROF	to the opening hour and d	ge may be made by telegrar ate specified.				
LACE DESIGNATED FOR THE Rour desire to change an offer all mendment, and is received prior 2. ACCOUNTING AND APPROPRICTE ASSET OF \$9,699.00	to the opening hour and d	ge may be made by telegrar ate specified.	ODIFICATION OF CO	NTRACTS/ORDE	RS.	
our desire to change an offer all mendment, and is received prior 2. ACCOUNTING AND APPROFICE CREASE OF \$9,699.00	to the opening hour and deliration DATA (If required 13. THIS ITEM OF IT MODIFIES	ge may be made by telegrar ate specified.  NLY APPLIES TO M THE CONTRACT/OR	ODIFICATION OF CO	NTRACTS/ORDE BED IN ITEM 14.	RS.	
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The amount under this contract is increased by \$9,699.00 from \$1,502,395,026.22 to \$1,502,404,725.22. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

	B&R Code	<u>Change</u>	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	(1,000,000.00)	8,263,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
<b>W</b> A	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
ΥA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
/A	39KB00000 (87R203)	0.00	0.00	312,939,618.00
.VA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-1-01711) 400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T 3T	400403309 (AGRN00014-04-F-0171Q) 400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
	400403309 (AGRN00014-04-1-017115)	0.00	0.00	266,601.94
T AT	400403309 (AGRN00014-04-F-01713) 400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T 3T	400403309 (AGRN00014-04-F-01711) 400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Ind Type	B&R Code	Change	FY05	To Date
	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS			,
	Pgm No.(WFO No.) 1720572(0490137)	9,699.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y.	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
?Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
1	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
∠Ý	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
· 1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	57,000.00	57,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00 =
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OF TSKER401501111J CR40)	0.00	0.00	5,933,571.00 -
TC	820201000 (OF TSKER40150TTAAA CR40)	0.00	0.00	59,638,287.00 ·
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000 CS502000	0.00	0.00	145,500.00
		0.00	(1,612.00)	113,388.00
FG TC	CS502000 (EQU)	0.00	0.00	954,954.00
	DP0817020	0.00	0.00	0.00
A	EB550000	0.00	0.00	339,063.00
√A VA	EB5501000	0.00	0.00	104,537.00
YA	EB5502000	J.00		

rund Type	B&R Code	Change	FY05	To Date
<b>A</b>	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
• <b>W</b> A	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
.WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV .	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
W	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
AV.	KA1502030	0.00	0.00	35,000.00
A	KA1502030 (EQU)	0.00 •	0.00	90,000.00
. <b>/</b> A	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
. WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
· 4V	KL0101000	0.00	0.00	122,618.00
WA .	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	00.0	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
· WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
τF	KV0101012	0.00	0.00	280,000.00
Æ.	KV0101014	0.00	0.00	612,000.00
. os <b>∜A</b>	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
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Fund Type	B&R Code	 Change	FY05	To Date
sA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
	WN0219080	0.00	(17,005.00)	(17,005.00)
SA	WN0219080 (RWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00 *
Ϋ́Z	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	 0.00	114,000.00	114,000.00
	TOTAL	\$ 9,699.00	\$97,214,182.52	\$1,502,404,725.22



## **Department of Energy**

Oak Ridge Operations Office P.O. Box 2001 Oak Ridge, Tennessee 37831-

June 1, 2005

Mary C. Erwin Chief Financial Officer SURA/TINAF 12000 Jefferson Avenue

Newport News, Virginia 23606

Dear Ms. Erwin:

INTERIM FISCAL YEAR 2005 FINANCIAL PLAN FOR SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION (ER40150) - JUNE 2005

The following changes are effective for June and will be included in your June contract modification:

Legacy Fund Type/STAR S Fund	Legacy B&R/STARS Program No.	Cost Center	Legacy Program Number/STARS WFO	Amount of Change
2Y/00555	600301010/1720572	0000	AGRSURA2005W008/0490137	\$9,699.00
			TOTAL	\$9,699.00

If you have any questions, please call Deborah Walker of my staff at (865) 576-0656.

Sincerely,

FM-723:Walker

enifer Y Mackett, Director Planning and Budget Division

cc:

J.W. Skinner, TJNAF D. Britten, TJNAF

S. Parkinson, SURA

	I/MODIFICATION O	F CONTRACT		Œ	1	2
	3. EFFECTIVE DATE	4. REQUISITION/PURCHAS	E REQ. NO.	5. PROJECT	NO. (If app	licble)
AMENDMENT/MODIFICATION NO.  M313	See Block 16C					and the second s
ISSUED BY CODE		7. ADMINISTERED BY (If o	her than Item 6)	CODE		
S. Department of Energy						
INAF Site Office						
2000 Jefferson Avenue						
			1000			,, <u>, , , , , , , , , , , , , , , , , ,</u>
ewport News, VA 23606 NAME AND ADDRESS OF CONTRACTOR (No., street, c	county, State and ZIP Code)		X) 9A. AMENDMEN	IT OF SOLICI	ATION NO.	
outheastern Universities Research Association, In						
201 New York Avenue, NW			98. DATED (SEE	ITEM 11)		
uite 430			50. B/// == (5-5			
/ashington, D.C. 20005		<u>}</u>	10A. MODIFICA	TION OF CO	NTRACT/OF	DER NO.
			DE-AC05-84	ER40150		
			X 10B. DATED (SI	EE ITEM 11)		
ODE	FACILITY CODE	100 BUB 100 BUB A A-	August 3, 19	84		
11. THIS IT	EM ONLY APPLIES TO	AMENUMENTS OF	OLICHATIONS		<u>1</u>	
The above numbered solicitation is amended as set f	orth in Item 14. The hour and d	ate specified for receipt of C	11010	ctended,	is not ex	tended.
The above numbered solicitation is amended as set if ffers must acknowledge receipt of this amendment prior	i hailianna atab baa www.itiad i	n the solicitation or as amen	ded, by one or the row	owing metho	ds:	
						ıbmitted;
	evence to the solicitation and am	endment numbers. FAILURE	OF YOUR ACKNOWL	EDGMENT (	virtue of thi	s amendment
r (c) By separate letter or telegram which includes a refe LACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIC our desire to change an offer already submitted, such of	OR TO THE HOUR AND DATE S	PECIFIED MAY RESULT IN P or letter, provided each tele	gram or letter makes r	eference to t	he solicitation	in and this
our desire to change an otter aiready submitted, addition mendment, and is received prior to the opening hour an						
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2. ACCOUNTING AND APPROPRIATION DATA (IT requ		,			10 FT-1- (Transcript Street	
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#### APPENDIX F

#### KEY PERSONNEL

As required by Clause I.97 entitled "Key Personnel," the following positions/ individuals are identified as Key Personnel and require Contracting Officer approval to replace the employee with an employee of substantially equal abilities and qualifications:

**Position** 

Name

Laboratory Director Deputy Laboratory Director

Christoph W. Leemann (if applicable in the future)

The following positions/individuals are also identified as "Key Personnel" and require consultation with the Contracting Officer of the Jefferson Lab Site Office regarding any proposed changes:

Associate Director for Accelerator
Associate Director for Physics
Associate Director for Administration
Chief Scientist
Chief Financial Officer
Chief Information Officer
Chief Technology Officer
Assistant Director
Laboratory Safety Director

Swapan Chattophyay Lawrence S. Cardman Kelly S. Caccetta Anthony W. Thomas Mary C. Erwin R. Roy Whitney H. Frederick Dylla Allison F. Lung Craig R. Ferguson

2. AMENDMENT		N/MODIFICATION (	JE CUNTRALI	11.0	CONTRACT ID CO	JE.	PAGE OF PAGES
				<u> </u>		la Boalifaa	1
		3. EFFECTIVE DATE	4. REQUISITION/PURCH	IASE RE	:a. NO.	js. Project	NO. (If applicble)
6. ISSUED BY	A314 CODE	See Blk 16C	7. ADMINISTERED BY (	fother	than Itam 61	CODE	T
			- / ADMINIOTERED BY	ii Odici	dian itom of	CODE	<u></u>
U.S. Departme	**						
TJNAF Site O	ffice		ļ				
12000 Jefferse	on Avenue						
Newport News	s, VA 23606						
B. NAME AND A	ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)		T(X)	9A. AMENDMEN	r of soliciá	TION NO.
Southeastern	Universities Research Association, In	nc.			[		,
1201 <b>New</b> Yor	rk Avenue, NW			1			
Suite 430				Ì	9B. DATED (SEE	ITEM 11)	
Washington, D	D.C. 20005						
					i		TRACT/ORDER NO.
					DE-AC05-84E		***************************************
				X	10B. DATED (SEI	: ITEM 11)	
2005		C4 04 174 000		4			
CODE		FACILITY CODE EM ONLY APPLIES TO	AMENDMENTS OF	L	August 3, 198	<u> </u>	
	11. IHISTI	EN UNLY APPLIES TO	AMENDIMEN 15 OF	SULI	CITATIONS		
The above	numbered solicitation is amended as set fo	orth in Item 14. The hour and d	late specified for receipt of	Offers	is exte	ended.	is not extended.
			•		-		
	nowledge receipt of this amendment prior	•		-	•	~	
	g items 8 and 15, and returning	copies of the amendment; (i				• •	•
	te letter or telegram which includes a refe ATED FOR THE RECEIPT OF OFFERS PRIC						
our desire to ci	hange an offer already submitted, such ch d is received prior to the opening hour and	ange may be made by telegram	or letter, provided each tel	legram	or letter makes ref	erence to the	solicitation and this
mionallion, tall	a is isosived prior to the opening notif and	a duto opocifica.					
12. ACCOUNTI	NG AND APPROPIRATION DATA (If require	red)	·····				
ncrease of \$1	,173,974.94						
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Contract No. DE-AC05-84ER40150 Modification No. A314 Page 2 of 5

1. The amount under this contract is increased \$1,173,974.94 from \$1,502,404,725.22 to \$1,503,578,700.16. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(2,101,000.00)	46,675,000.00	547,213,777.00
WA	KB0102011 (AIP)	2,200,000.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	150,000.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	591,000.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	130,000.00	130,000.00	260,000.00
WA	KB0401052 \	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	186,901.94	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
<b>3</b> T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

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				x age 5 or 5
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400407000 (AGRSURA2004W007) 400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	·	0.00	0.00	956.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	198,292.00
	600301010 (OP AGR98003105)	0.00	0.00	190,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS	0.00	9,699.00	9,699.00
21/	Pgm No.(WFO No.) 1720572(0490137)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	6,500.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	87,421.00
2Y	600302000 (OP AGR2000W001)			•
2Y .	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	18,000.00	75,000.00	75,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150 Modification No. A314 Page 4 of 5

		•		rage 4 of 3
Fund Type	B&R Code	Change	FY05	To Date
YA	EB5501000	(184.00)	(184.00)	338,879.00
ΥA	EB5502000	(146.00)	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	(597.00)	(597.00)	(597.00)
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001300 FS1002000	0.00	140,000.00	595,626.00
WA		0.00		
	FS1002000 (GPP)		300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	F\$1001000	0.00	0.00	145,773.00
W	FS1001100	0.00	0.00	0.00
W	F\$1001500	0.00	0.00	0.00
WV	F\$1002000	0.00	0.00	81,000.00
W	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
W	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0,00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
11	1170101016	0.00		,

Contract No. DE-AC05-84ER40150 Modification No. A314 Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	WN0219080	0.00	(17,005.00)	(17,005.00)
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$ 1,173,974.94	\$98,388,157.46	\$1,503,578,700.16

	DMENT OF SOLICITATION	I/MODIFICATION C	OF CONTRACT	1. CONTRACT ID CO	02	PAGE ( 1	of pages 
2. AMENDMENT	/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REQ. NO.	5. PROJECT	VO. (If appl	icble)
- 10511-5	M315	See Block 16C			<u> </u>	····	
6. ISSUED BY	CODE		7. ADMINISTERED BY (I	f other than Item 6)	CODE		
Departme	ent of Energy						
AF Site Of	ffice						
.∠000 Jefferso	on Avenue						
Newport News	· · · · · · · · · · · · · · · · · · ·		·				
	DDRESS OF CONTRACTOR (No., street, c			(X) 9A. AMENDMEN	IT OF SOLICIAT	TON NO.	
	Universities Research Association, In	C.					
1201 New York	k Avenue, NW			9B. DATED (SEE	ITEM 11)		
Suite 430			•	}		•	
Washington, D	D.C. 20005		•	10A. MODIFICA	TION OF CONT	RACT/ORE	ER NO.
				DE-AC05-84E	R40150		
			·	X 10B. DATED (SE	E ITEM 11)		
		-		] ]			
CODE		ACILITY CODE	AMENICA EUTO CE	August 3, 198	34		
	11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS			
The above n	numbered solicitation is amended as set for	rth in Item 14. The hour and da	ate specified for receipt of	Offers is ex	tended,	is not exte	nded.
Offers must ackr	nowledge receipt of this amendment prior	to the hour and date specified in	n the solicitation or as ame	nded, by one of the follo	wing methods:		
	items 8 and 15, and returning	copies of the amendment; (b)					
your desire to ch	e letter or telegram which includes a refer TED FOR THE RECEIPT OF OFFERS PRIOI ange an offer already submitted, such cha is received prior to the opening hour and	inge may be made by telegram (	riginent numbers. FAILUH FECIFIED MAY RESULT IN 1 or letter, provided each tel-	REJECTION OF YOUR O egram or letter makes re	FFER. If by virt ference to the s	ue of this a colicitation	mendment and this
12. ACCOUNTIN	IG AND APPROPIRATION DATA (If require	ed) ·				<del> </del>	
A/V							
		ONLY APPLIES TO MO			₹S.		
<u></u>		THE CONTRACT/ORD			DE IN THE COM	TDACT OF	ODER :
neck one	<ul> <li>THIS CHANGE ORDER IS ISSUED PUT</li> <li>NO. IN ITEM 10A.</li> </ul>	SUANT TO: (Specify authority)	THE CHANGES SET FOR	IN INTERVENA	DE IN THE CON	THACT OF	II)CII
	B. THE ABOVE NUMBERED CONTRACT	YORDER IS MODIFIED TO REFI	FCT THE ADMINISTRATIV	/F CHANGES (such as cl	nanges in payin	office.	
	appropriation date, etc.) SET FORTH						
	C. THIS SUPPLEMENTAL AGREEMENT I	S ENTERED INTO PURSUANT T	TO AUTHORITY OF:				
1			*				
x c	Clause H.29 titled "SURA CENTRAL	OFFICE EXPENSES" & CI	ause 1.78 DEAR 970.52	240-13 titled "ALLOW	ABLE COSTS	AND FIX	(ED FEE"
X o	Clause H.29 titled "SURA CENTRAL D. OTHER (Specify type of modification	OFFICE EXPENSES" & CI	ause I.78 DEAR 970.52	240-13 titled "ALLOW	ABLE COSTS	AND FIX	(ED FEE"
x c		OFFICE EXPENSES" & Cla and authority)					
X		OFFICE EXPENSES" & Cla and authority)			ABLE COSTS		
X (	D. OTHER (Specify type of modification  NT: Contractor  is not, x	OFFICE EXPENSES" & Cla and authority)  is required to sign thi anized by UCF section headings	is document and ret	rurn2 c	opies to the		
X (	D. OTHER (Specify type of modification	OFFICE EXPENSES" & Cla and authority)  is required to sign thi anized by UCF section headings	is document and ret	rurn2 c	opies to the		
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E. IMPORTA	D. OTHER (Specify type of modification NT: Contractor is not, x	OFFICE EXPENSES" & Cla and authority)  is required to sign thi anized by UCF section headings SEE FOLLOV	is document and ret s, including solicitation/con MING PAGES	turn2 co	opies to the	issuing	office.
E. IMPORTA  14. DESCRIPTIO	D. OTHER (Specify type of modification ANT: Contractor is not, x	OFFICE EXPENSES" & Cla and authority)  I is required to sign thi anized by UCF section headings SEE FOLLOV	is document and ret s, including solicitation/con MING PAGES	tract subject matter who	opies to the ere feasible.)	issuing	office.
E. IMPORTA  14. DESCRIPTIO	D. OTHER (Specify type of modification NT: Contractor is not, x	OFFICE EXPENSES" & Cla and authority)  I is required to sign thi anized by UCF section headings SEE FOLLOV	is document and ret s, including solicitation/con WING PAGES A or 10A, as heretofore ch	tract subject matter who	opies to the ere feasible.)	issuing	office.
E. IMPORTA  14. DESCRIPTIO	D. OTHER (Specify type of modification ANT: Contractor is not, x  N OF AMENDMENT/MODIFICATION (Org	OFFICE EXPENSES" & Cla and authority)  I is required to sign thi anized by UCF section headings SEE FOLLOV  document referenced in Item 9.	is document and ret s, including solicitation/con WING PAGES A or 10A, as heretofore ch	tract subject matter who	opies to the ere feasible.) ged and in full fo CER (Type or pr	e issuing	office.
E. IMPORTA  14. DESCRIPTIO  Except as provid  15A. NAME AND	NT: Contractor is not, x  NOF AMENDMENT/MODIFICATION (Org	OFFICE EXPENSES" & Cla and authority)  I is required to sign thi anized by UCF section headings SEE FOLLOV	is document and ret s, including solicitation/con VING PAGES A or 10A, as heretofore ch	tract subject matter who hanged, remains unchanged of CONTRACTING OFFIce histrative Contracting	opies to the ere feasible.) ged and in full fo CER (Type or pr	e issuing	office.
Except as provided 15A. NAME AND SQUITEAC	D. OTHER (Specify type of modification ANT: Contractor is not, xin of amendment/Modification (Org	OFFICE EXPENSES" & Clarand authority)  I is required to sign this anized by UCF section headings SEE FOLLOV document referenced in Item 9/	is document and ret s, including solicitation/con NING PAGES  A or 10A, as heretofore ch 16A. NAME AND TITLE C	tract subject matter who hanged, remains unchanged of CONTRACTING OFFIce histrative Contracting	opies to the ere feasible.) ged and in full fo CER (Type or pr	e issuing	office.

NSN 7540-01-152-8070 Previous edition unusable

Prescribed by GSA FAR (48 CFR) 53.243

- 1. The purpose of this modification is to incorporate the final Central Office Expenses (COE) Cap for FY04. Paragraph (3) of clause H.29 is revised as follows:
  - a. A schedule of the Central Office Expenses is as follows:

Fiscal Year	Estimated COE	Actual COE
11/01/1999-9/30/2000	\$1,515,834	\$1,415,979
10/01/2000-9/30/2001	\$1,653,637	\$1,728,427
10/01/2001-9/30/2002	\$1,745,000	\$1,686,982
Fiscal Year	Estimated COE CAP	Actual COE CAP
10/01/2002-9/30/2003	\$1,083,333	\$1,067,703
10/01/2003-9/30/2004	\$1,333,642	\$1,458,165*
10/01/2004-9/30/2005	\$1,566,190**	TBD

- \*The actual COE Cap payable to SURA is \$423,014 which is net of credits to DOE and adjustments between estimated and actual FY03 COE Cap as annotated in paragraph 1.a.(4) of contract modification M280 and the difference between the estimated and actual FY04 COE Cap. \*\*The Estimated FY05 COE Cap payable to SURA is \$1,116,190 which is net of a \$450,000 credit to DOE for "reserve funds" addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee"
- b. Incorporate the fixed fee payable to the Contractor for FY05 under Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)." The first section of paragraph (b) of Clause I.78 is revised as follows:
  - "(b) <u>Fixed-Fee</u>. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:
    - (1) From November 1, 1999 through September 30, 2000-\$341,917
    - (2) From October 1, 2000 through September 30, 2001-\$373,000
    - (3) From October 1, 2001 through September 30, 2002-\$373,000
    - (4) From October 1, 2002 through September 30, 2003-\$390,000
    - (5) From October 1, 2003 through September 30, 2004-\$535,000
    - (6) From October 1, 2004 through September 30, 2005-\$535,000

The parties agree that the FY04 fixed fee of \$535,000 will remain the same in FY05 once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

2. All other terms and conditions remain unchanged and in full force and effect.

AMENI	DMENT OF SOLICITATION	ON/MODIFICATION	OF CONTRACT	1. CONTRACT ID CO	DE	PAGE OF PAGES 5
2. AMENDMEN	T/MODIFICAITON NO. A314	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCH	IASE REQ. NO.	5. PROJECT	NO. (If applicble)
6. ISSUED BY	COD	E	7. ADMINISTERED BY (I	If other than Item 6)	CODE	
Departm	ent of Energy					• 3
AF Site C	Office					
12000 Jeffers	on Avenue					
Newport New	s, VA 23606					
B. NAME AND	ADDRESS OF CONTRACTOR (No., stree	t, county, State and ZIP Code)		(X) 9A. AMENDME	IT OF SOLICIA	TION NO.
Southeastern	Universities Research Association	, Inc.				
1201 New Yo	rk Avenue, NW	÷		9B. DATED (SEI	E ITEM 111	· · · · · · · · · · · · · · · · · · ·
Suite 430				9B. DATED (SEE	- 11 Livi : 17	
Washington, I	D.C. 20005		·	10A. MODIFICA	TION OF CON	TRACT/ORDER NO.
		•		DE-AC05-84I	ER40150	
				X 10B. DATED (S	EE ITEM 11)	
				1		
CODE	44 700	FACILITY CODE TEM ONLY APPLIES TO	A MACNICIA CAL	August 3, 198	34	
	11, 10151	TIEW ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS		
	numbered solicitation is amended as set		•		ctended,	is not extended.
	knowledge receipt of this amendment pri					
	g items 8 and 15, and returning		(b) By acknowledging receip			
ローマンド ひにんじじかい	te letter or telegram which includes a re ATED FOR THE RECEIPT OF OFFERS PF	SIOR TO THE HOUR AND DATE S	SPECIFIED MAY RESULT IN	REJECTION OF YOUR O	IFFER. It by vir	tue of this amendment
our desire to c	hange an offer already submitted, such a distributed by the such a submitted by the submitt	change may be made by telegran	n or letter, provided each tel	legram or letter makes re	eference to the	solicitation and this
A CCOLINITI	NG AND APPROPIRATION DATA (If req	Lirod				
ncrease of \$1		uncuj				-
IICIEASE OI WI		M ONLY APPLIES TO M	ODIFICATION OF CO	NTRACTS/ORDE	RS.	
	IT MODIFI	ES THE CONTRACT/OR	DER NO. AS DESCR	IBED IN ITEM 14.		
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED I	PURSUANT TO: (Specify authorit	y) THE CHANGES SET FOR	TH IN ITEM 14 ARE MA	DE IN THE COM	NTRACT ORDER
	NO. IN ITEM 10A.		•			
				45 OH 11050 4 1		
	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FOR				nanges in payir	ig σπice,
	C. THIS SUPPLEMENTAL AGREEMEN					
	D. OTHER (Specify type of modification	·				
Х	Increase in obligation of funds in a	ccordance with Clause I.79 "	Obligation of Funds."			
E. IMPORT	ANT: Contractor X is not,	is required to sign the	his document and ret	turn ——— c	opies to the	e issuing office.
14 DESCRIPTION	ON OF AMENDMENT/MODIFICATION (	Organized by UCF section heading	gs, including solicitation/con	ntract subject matter wh	ere feasible.)	
2230 11			OWING PAGES			
			•	•		
			*			
				•		
Except se provi	ided herein, all terms and conditions of t	the document referenced in Item	9A or 10A, as heretofore ch	nanged, remains unchan	ged and in full	force and effect.
	ND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE O	OF CONTRACTING OFFI	CER (Type or p	rint)
	*					
			James A. Turi, Admi		Officer	160 DATE COMED
ONTRA	CTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF	AMERICA (	~	16C. DATE SIGNED
			AMAR	ure of Contracting Office	4-	-1613210 ·
(Si	ignature of person authorized to sign)		(Signati			ORM 30 (REV. 10-83)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 The amount under this contract is increased \$1,173,974.94 from \$1,502,404,725.22 to \$1,503,578,700.16. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(2,101,000.00)	46,675,000.00	547,213,777.00
WA	KB0102011 (AIP)	2,200,000.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	150,000.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	591,000.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	130,000.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
`'A	392100000	0.00	0.00	653,176.00
:	39DP08170	0.00	0.00	967,442.00
.VA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	186,901.94	186,901.94	186,901.94
3T	400403203 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
. 3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-01-1-0171L) 400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
	400403309 (AGRN00014-04-1-0171M) 400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-1-01711X) 400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	(טו ווטי ויייטיאווטטטווווט) פטפטטדטעד	0.00	2,23	,-

Fund Type	B&R Code	Change	FY05	To Date
m	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS			
	Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
~Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
•	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	18,000.00	75,000.00	75,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER4015011111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
3	C\$502000	0.00	0.00	145,500.00
•	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
. ) . gnz	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	0.00	0.00
173		*.*-		

Fund Type	B&R Code	Change	FY05	To Date
S. S. S. A	EB5501000	(184.00)	(184.00)	338,879.00
"YA	EB5502000	(146.00)	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	(597.00)	(597,00)	(597.00)
TE	EW09MM090	0.00	0.00	50,000.00
<b>VV</b> A	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
· • • • • • • • • • • • • • • • • • • •	FS1009300	0.00	0.00	0.00
Α	KA1401030	0.00	0.00	644,310.00
· vVA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
	KC0204018 \( \times \)	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
.WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
	KJ0200000 `	0.00	0.00	534,909.00
	KL0101000	0.00	0.00	122,618.00
	KL0101000 (SULI)	0.00	99,000.00	821,350.00
	KL0103000 (PST)	0.00	0.00	40,000.00
	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
	KP1104010	0.00	0.00	13,000.00
	KP1401030	0.00	470,000.00	2,828,000.00
	KP1401030 (EQU)	0.00	55,000.00	920,000.00
	KP1402010	00.0	0.00	175,600.00
	KP1402010 (EQU)	0.00	0.00	439,400.00
	KS0101000	0.00	0.00	4,000.00
	KS0101000 (EQU)	0.00	0.00	6,861.00
	KT0101014	0.00	0.00	380,000.00
	KT0101014 KT0101017	0.00	0.00	412,000.00
	KT0101017 KT0101019	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
	KT0101019 KT0101025	0.00	0.00	5,000.00 9,702.00
ŧ	KT0201013	0.00	0.00	9,702.00 87,300.00
	KV0101012	0.00	0.00	280,000.00
• • • • • • • • • • • • • • • • • • • •	1240101012	0.00	0.00	200,000.00

Fund Type	B&R Code	Change	FY05	To Date
	KV0101014	0.00	0.00	612,000.00
√VA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	WN0219080 `	0.00	(17,005.00)	(17,005.00)
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	. 0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$ 1,173,974.94	\$98,388,157.46	\$1,503,578,700.16

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRAC		OF CONTRACT 11. CONTRACT ID CODE		DE	PAGE C	F PAGES
2. AMENDMENT/MODIFICAITON NO. A316	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT	NO. (If appl	l
6. ISSUED BY CODE	·	7. ADMINISTERED BY (If	other than Item 6)	CODE	T	
U.S. Department of Energy		7			<del></del>	
TJNAF Site Office						
		İ				
12000 Jefferson Avenue						
Newport News, VA 23606	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Sa To Allenda	T 05 00 101	- anti-	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cour Southeastern Universities Research Association, Inc.	nty, State and ZIP Gode)	,	(X) 9A. AMENDMEN	IT OF SOLICIA	HON NO.	
			ļ			
1201 New York Avenue, NW			9B. DATED (SEE	ITEM 11)		
Sulte 430			, , , , , , , , , , , , , , , , , , , ,			
Washington, D.C. 20005		ļ	10A. MODIFICA	TION OF CON	TRACT/ORD	ER NO.
			DE-AC05-84E	R40150		
			X 10B. DATED (SE			
			^ }			
CODE	CILITY CODE	1	August 3, 198	4		
11. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF				
			[7]			
The above numbered solicitation is amended as set forth	in Item 14. The hour and de	ate specified for receipt of C	Offers is ext	tended,	is not exte	nded.
Offers must acknowledge receipt of this amendment prior to t	the hour and date specified i	n the solicitation or as amen	ided, by one of the follo	wing methods	;	
(a)By completing items 8 and 15, and returning	copies of the amendment; (b	) By acknowledging receipt	of this amendment on e	each copy of th	ne offer subn	ritted;
or (c) By separate letter or telegram which includes a reference	e to the solicitation and ame	endment numbers. FAILURE	OF YOUR ACKNOWLE	DOMENT TO E	BE RECEIVE	AT THE
PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR T	O THE HOUR AND DATE SF e may be made by telegram	PECIFIED MAY RESULT IN R or letter, provided each tele	EJECTION OF YOUR OF gram or letter makes ref	FER. If by Vin ference to the	tue of this a solicitation a	mendment and this
amendment, and is received prior to the opening hour and dat			•			
12. ACCOUNTING AND APPROPIRATION DATA (If required)					<del></del>	
No change	UV ADDUTE TO MO	DIFICATION OF COL	ATD A CTC/ODDE			
	NLY APPLIES TO MO HE CONTRACT/ORD			15.		
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSU				DE IN THE COM	NTRACT OR	DER
NO. IN ITEM 10A.	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	.,			
•						
B. THE ABOVE NUMBERED CONTRACT/O	RDER IS MODIFIED TO BEEL	FOT THE ADMINISTRATIVE	F CHANGES (such as ch	anges in navig	a office	
appropriation date, etc.) SET FORTH IN				iongod in payin	ig offico,	
C. THIS SUPPLEMENTAL AGREEMENT IS E	ENTERED INTO PURSUANT	TO AUTHORITY OF:				
D. OTHER (Specify type of modification and	d authority)					
X Correction in obligation of funds in acco	·	Obligation of Funds."				
					. 1	~4 <i>E</i> = -
E. IMPORTANT: Contractor X is not,	is required to sign thi	is document and retu	ırn ——— Co	opies to the	e issuing	OTTICE.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organi			ract subject matter whe	re feasible.)		
	SEE FOLLO	WING PAGES				
Except as provided herein, all terms and conditions of the do	cument referenced in Item 9	A or 10A, as heretofore cha	anged, remains unchang	ed and in full f	orce and eff	ect.
15A, NAME AND TITLE OF SIGNER (Type or print)	Samoni, retoronoso in trolli e	16A. NAME AND TITLE OF				
				•		
		James W. Skinner, C	ontractiດີບໍ່ Officer			
15B. CONTRACTOR/OFFEROR	15C, DATE SIGNED	16B UNITED STATES OF			16C. D	ATE SIGNEL
100. CONTINUE TO POPIEROR	150,071,2010112	MARIA AAI	XVIII		۸.	
(Signature of person authorized to sign)		(Signatur	re of Contracting Office	r)	" //	4/05
LOWINGTON OF DELBOT GREEN FOR AN OINTY	i e	10.8.70.00				

Contract No. DE-AC05-84ER40150 Modification No. A316 Page 2 of 5

1. The amount under this contract is increased \$0.00 and remains \$1,503,578,700.16.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(597.00)	46,674,403.00	547,213,180.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC .	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA -	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
ΥA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
ΥA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

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				rago 5 or 5
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171Ú)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292,00
2Y	600301010 (AGRSURA2005W008)/ STARS	0.00	0.00	130,202.00
۷.1	Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (AGR2002W003M) 600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	8,148.00
2Y	600305000 (OF AGR2000W003)	0.00	0.00	467,960.00
2Y	· · · · · · · · · · · · · · · · · · ·	0.00	70,000.00	145,358.00
2Y	600305000 (AGR2004W002/W) 600305000 (AGRSURA2005W001)	0.00	•	•
2Y			326,516.00	326,516.00
	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y 1Y	650102000 (AGR-2001-S002)	0.00 0.00	0.00 0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00 27,180.00
1Y	650102000 (AGR980003)	0.00	0.00	72.00
1Y	650102000 (AGRS003)	0.00	0.00	10,875.00
	650102000 (AGRSURA2002S002)			•
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	75,000.00	75,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150 Modification No. A316 Page 4 of 5

				ruge 4 or 5
Fund Type	B&R Code	Change	FY05	To Date
YA	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	597.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA ·	FS1005100	0.00	0.00	0.00
WA	FS1005100 FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009000 FS1009300	0.00	0.00	0.00
WV		0.00	0.00	145,773.00
	FS1001000	0.00	0.00	0.00
W	FS1001100	0.00	0.00	0.00
W	FS1001500	0.00	0.00	81,000.00
W	F\$1002000	0.00	0.00	0.00
WV	F\$1002400			9,000.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00

Contract No. DE-AC05-84ER40150 Modification No. A316 Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
TF WA YA SA SA SA SA YZ YZ YZ YZ YZ	KV0101014 KX0310211 WB0100000 WN0219080 (AGRSURA2002W001) WN0219080 (AGRWN02DUMMY) YN1901000 YN1901000 (39BP BP90) YN1901000 (TSKOLDIPAC) YN1901000 (TSKER40150I111J) YN1901000 (TSKER40150JLAAA) YN1901000 (TSKER40150TJAAA) YN1901000 (TSK4400000101) YN1901000 (TSK4400000239)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 (17,005.00) 17,005.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 887,900.00 114,000.00	612,000.00 5,000.00 116,000.00 125,000.00 (17,005.00) 17,005.00 98,652.00 4,137,378.00 419,622.00 3,505.00 487.00 2,057,109.00 887,900.00 114,000.00
	TOTAL	\$ -	\$98,388,157.46	\$1,503,578,700.16

AMENDMENT OF SOLICITATION/	MODIFICATION (	F CONTRACT	1. CONTRACT ID CO	DDE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH	ASE REQ. NO.	5. PROJECT N	1   : O. (If applicble)
A317	See Blk 16C				
6, ISSUED BY CODE		7. ADMINISTERED BY (I	f other than Item 6)	CODE	
Department of Energy		1		•	
/AF Site Office			•	•	· · · · · · · · · · · · · · · · · · ·
12000 Jefferson Avenue					
Newport News, VA 23606		1			
B. NAME AND ADDRESS OF CONTRACTOR (No., street, cou	inty, State and ZIP Code)		(X) 9A. AMENDMEN	NT OF SOLICIAT	ION NO.
Southeastern Universities Research Association, Inc.					
1201 New York Avenue, NW					
Suite 430			9B. DATED (SEE	ITEM 11)	
Washington, D.C. 20005		e.	101 1100/5/04	TION OF COUR	- A OT (0 D D D D A V 0
			1 1		RACT/ORDER NO.
			DE-AC05-848		
			X TOB. DATED (SE		
CODE FAC	CILITY CODE	<u> </u>	August 3, 198	34	
11. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF			
Offers must acknowledge receipt of this amendment prior to a (a)By completing items 8 and 15, and returning (a)By completing items 8 and 15, and returning (b) cor (c) By separate letter or telegram which includes a reference PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR T Your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and date.	copies of the amendment; (b) ce to the solicitation and ame TO THE HOUR AND DATE SP e may be made by telegram	By acknowledging receipt ndment numbers. FAILUR ECIFIED MAY RESULT IN	of this amendment on e E OF YOUR ACKNOWLE REJECTION OF YOUR O	each copy of the EDGMENT TO BE FFER. If by virtu	RECEIVED AT THE
2. ACCOUNTING AND APPROPIRATION DATA (If required)					
ncrease of \$247,403.00	// / A DOL (EQ TO 140	0.510.1.510.1.65.00	NITO A OTO (ODDE		
	NLY APPLIES TO MO THE CONTRACT/ORD			15.	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUNO. IN ITEM 10A.	JANT TO: (Specify authority)	THE CHANGES SET FOR	TH IN ITEM 14 ARE MAI	DE IN THE CONT	RACT ORDER
B. THE ABOVE NUMBERED CONTRACT/OF appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO TH	E AUTHORITY OF FAR 43		nanges in paying	office,
C. THIS SUPPLEMENTAL AGREEMENT IS E	ENTENED INTO PONSOANT T	O AOTHORITT OF.		•	
D. OTHER (Specify type of modification and	i authority)				·
X Increase in obligation of funds in accord	•	bligation of Funds."			
E. IMPORTANT: Contractor X is not,			urn ———— co	opies to the	issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organic	zed by UCF section headings SEE FOLLOV	, including solicitation/con VING PAGES	tract subject matter whe	ere feasible.)	
			1		
	•				
Except as provided herein, all terms and conditions of the doc	cument referenced in Item 9/	or 10A, as heretofore ch	anged, remains unchang	ged and in full fo	rce and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE C		JEH (Type or pri	nt)
		James W. Skinner, C	ontracting Officer		Line Simo
ONTRACTOR/OFFEROR	15C. DATE SIGNED	16B UNITED STATES OF	AMERICA		16C, DATE SIGNED
		Jane V	Jimes		-17/3/1/100
(Signature of person authorized to sign)	1	/ / (Signatu	re of Contracting Office	r()	1 ////

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243



The amount under this contract is increased \$247,403.00 from \$1,503,578,700.16 to \$1,503,826,103.16.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

WA         KB0101021 (EQU)         44,000.00         3,880,000.00         185,074,075.00           WA         KB0102011 (SQU)         0.00         0.00         60,702,999.00           WA         KB0102011 (AIP)         0.00         1,200,000.00         87,213,777.00           WA         KB0102012 (EQU)         0.00         600,000.00         87,210,000.00           WA         KB0102012 (EQU)         0.00         25,220,000.00         138,161,059.00           WA         KB0102012 (EQU)         0.00         4,300,000.00         42,406,488.00           WA         KB0102013 (EQU)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQU)         0.00         150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         1,714,000.00         11,780,702.00           WA         KB0301022 (EQU)         0.00         1,714,000.00         11,780,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,380,000.00           WA         KB0301052 (EQU)         0	Fund Type	B&R Code	Change	FY05	To Date
WA         KB0101021 (EQU)         0.00         60,702,959.00           WA         KB0102011 (AIP)         0.00         1,200,000.00         547,213,777.00           WA         KB0102011 (AIP)         0.00         800,000.00         547,213,777.00           WA         KB0102012 (EQU)         0.00         25,220,000.00         138,161,599.00           WA         KB0102012 (EQU)         0.00         4,300,000.00         42,406,488.00           WA         KB0102013 (EQU)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQU)         0.00         150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         2,150,000.00           WA         KB011020 (EQU)         0.00         1,714,000.00         157,72,000.00           WA         KB0301020 (EQU)         0.00         1,714,000.00         177,700.00           WA         KB0301020 (EQU)         0.00         1,714,000.00         177,700.00           WA         KB0301052 (EQU)         0.00         1,714,000.00         1,714,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301052 (EQU)         0.00	<b>W</b> A	KR0101021	44 000 00	3 880 000 00	185 074 075 00
WA         KB0102011 (AIP)         597 00         46,675,000.00         547,213,777.00           WA         KB0102011 (AIP)         0.00         1,200,000.00         13,630.00.00           WA         KB0102012 (EQU)         0.00         25,220,000.00         183,151,099.00           WA         KB0102012 (EQUEQUIOCG)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,003,900.00           WA         KB0102013 (EQU)         0.00         150,000.00         2,003,900.00           WA         KB0102013 (EQU)         0.00         150,000.00         150,000.00           WA         KB0181015         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         1,714,000.00         117,807,000.00           WA         KB0301020 (EQU)         0.00         1,714,000.00         117,807,000.00           WA         KB0301052         0.00         591,000.00         280,000.00           WA         KB0301052         0.00         130,000.00         1,804,000.00           WA         KB0301052         0.00         591,000.00         1,804,000.00           WA         KB0301052         0.00					
WA         KB0102011 (AIP)         0.00         1,200,000.00         10,463,000.00           WA         KB0102012 (EQU)         0.00         25,220,000.00         138,161,059.00           WA         KB0102012 (EQU)         0.00         25,220,000.00         138,161,059.00           WA         KB0102012 (EQUEQUO1CG)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         150,000.00           WA         KB0112013 (EQU)         0.00         0.00         0.00         5,772,000.00           WA         KB0181015         0.00         0.00         0.00         5,772,000.00           WA         KB0301020         0.00         1,714,000.00         17,780,700.00           WA         KB0301020         0.00         1,714,000.00         11,780,702.00           WA         KB0301052         0.00         591,000.00         1,814,000.00           WA         KB041052         0.00         591,000.00         260,000.00           WA         KB041052         0.00         0.00         1,339,000.00           WA         KB0301052 (EQU)         0.00         0.00         1,344,000.00           WA         SB0600000 (FRROSSC01003) <td></td> <td></td> <td></td> <td></td> <td></td>					
WA         KB0102012 (GPU)         0.00         800,000.00         8,724,000.00           WA         KB0102012 (EQU)         0.00         25,222,0000.00         138,161,059.00           WA         KB0102012 (EQUEQUICG)         0.00         0.00         2,406,498.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB012013 (EQU)         0.00         150,000.00         150,000.00           WA         KB018105         0.00         0.00         5,772,000.00           WA         KB018102         0.00         0.00         9,722,000.00           WA         KB031020 (EQU)         0.00         1,714,000.00         11,780,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,840,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,830,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         0.00         1,339,000.00           WA         KB0301052 (EQU)         0.00         0.00         1,339,000.00           WA         KB0401052         0.00         0.00					
WA         KB0102012 (EQU)         0.00         25,220,000.00         138,161,059.00           WA         KB0102012 (EQUEQU01CG)         0.00         4,300,000.00         2,003,990.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         150,000.00           WA         KB0181015         0.00         0.00         5,772,000.00           WA         KB0301020         0.00         1,714,000.00         11,780,702.00           WA         KB0301020 (EQU)         0.00         91,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         91,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         0.00         260,000.00           WA         KB0301052 (EQU)         0.00         0.00         133,900.00           WA         KB0301052 (EQU)         0.00         0.00         0.00           WA         KB0301052 (EQU)         0.00         0.00         0.00           WA         KB0301052 (EQU)         0.00         0.00         967,442.00           WA         KB0301052 (EQU)         0.00         0.00         0.00		· · ·			
WA         KB0102012 (EQU)         0.00         4,300,000.00         42,406,488.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         150,000.00           WA         KB0181015         0.00         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         0.00         0.00         5772,000.00           WA         KB0301020         0.00         0.00         1,714,000.00         11,780,702.00           WA         KB0301052 (EQU)         0.00         0.00         1,184,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         1,339,000.00           WA         KB0501062 (EQU)         0.00         0.00         1,339,000.00           WA         39KB00000 (FRNOSSC01003)         0.00         0.00         312,939,618.00           WA         39KB00000 (FRNOSSC01003)         0.00         0.00         312,939,618.00		· · · ·		· · · · · · · · · · · · · · · · · · ·	
WA         KB0102012 (EQUEQUICG)         0.00         2,003,900.00         2,150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         150,000.00         150,000.00           WA         KB0181015         0.00         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         1,714,000.00         11,780,702.00           WA         KB0301020 (EQU)         0.00         591,000.00         1,800,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         1,339,000.00         260,000.00           WA         KB0401052         0.00         0.00         0.00         1,339,000.00         260,000.00           WA         SB040000 (RFR203)         0.00         0.00         0.00         367,442.00           WA         39K601000 (PRN03SC01003)         0.00         0.00         365,000.00           WA         39K600100 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A001)		•			
WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB0181015         0.00         150,000.00         150,000.00           WA         KB0181020         0.00         0.00         5,772,000.00           WA         KB0301020 (EQU)         0.00         1,714,000.00         11,780,7022.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,840,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052 (EQU)         0.00         0.00         1,339,000.00           392100000 (B7R203)         0.00         0.00         653,176.00           WA         39KE00000 (B7R203)         0.00         0.00         312,399,618.00           WA         39KE00000 (B7R203)         0.00         0.00         545,000.00           WA         39KE00000 (B7R203)         0.00         0.00         312,399,618.00           WA         39KE00000 (B7R203)         0.00         0.00         352,000.00           YA         39WB000000 (HE500000A003)         0.00         0.00         3					
WA         KB0102013 (EQU)         0.00         150,000.00         150,000.00           WA         KB0181015         0.00         0.00         5,772,000.00           WA         KB0301020         0.00         1,714,000.00         11,780,702.00           WA         KB0301020 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         0.00         0.00         260,000.00           WA         KB0401052         0.00         0.00         0.00         1339,000.00           WA         392100000         0.00         0.00         0.00         653,176.00           WA         39K600000 (FRR203)         0.00         0.00         545,000.00           WA         39K601000 (PRNMEL001033)         0.00         0.00         545,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A					
WA         KB0181015         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         1,714,000.00         1873,000.00           WA         KB0301020 (EQU)         0.00         0.00         20,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,814,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         1,000         133,000.00           WA         392100000         0.00         0.00         0.00         1,339,000.00           WA         39KB00000 (878203)         0.00         0.00         967,442.00           WA         39KG01000 (PRNSSC01003)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         98,865,000.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         430,873,86           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737,86           3T         400403109 (AGRSURA0					
WA         KB0181020         0.00         1,714,000.00         11,780,702.00           WA         KB0301020 (EQU)         0.00         1,714,000.00         11,780,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         0.00         1,339,000.00           WA         392100000         0.00         0.00         0.00         653,176.00           39210000         0.00         0.00         0.00         312,939,618.00           WA         39KB00000 (FRN03SC01003)         0.00         0.00         312,939,618.00           WA         39KG01000 (FRNMEL001033)         0.00         0.00         9,655,000.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         988,085.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         4,308,737.86           3T         4004					5,772,000.00
WA         KB0301020 (EQU)         0.00         1,714,000.00         11,780,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         1,339,000.00           392100000         0.00         0.00         653,176.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KB01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KB01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         23,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         430,873.86           3T         400403109 (AGRSURA20W003)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA205W007)         0.00 <td></td> <td></td> <td>0.00</td> <td>0.00</td> <td>873,000.00</td>			0.00	0.00	873,000.00
WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         0.00         1,339,000.00           392100000         0.00         0.00         0.00         653,176.00           39DP08170         0.00         0.00         0.00         312,939,618.00           WA         39K8001000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39K8001000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         988,085.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T <t< td=""><td>WA</td><td>KB0301020</td><td>a 0.00</td><td>1,714,000.00</td><td>11,780,702.00</td></t<>	WA	KB0301020	a 0.00	1,714,000.00	11,780,702.00
WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         1,339,000.00           392100000         0.00         0.00         0.00         653,176.00           WA         39K900000 (B7R203)         0.00         0.00         312,939,618.00           WA         39K601000 (PRNMSSC01003)         0.00         0.00         545,000.00           WA         39K601000 (PRNMEL001033)         0.00         0.00         9.955,000.00           YA         39W800000 (IHE50000A001)         0.00         0.00         9.955,000.00           YA         39W800000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39W800000 (IHE500000A003)         0.00         0.00         29,800.00           YA         39W800000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39W800000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39W800000 (IHE500000A003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA020W003)         0.00         0.00         1,708,737.86           3T         400403109 (AGRSURA05W004)	WA	KB0301020 (EQU)	0.00	0.00	
WA         KB0401052         0.00         0.00         1,339,000.00           392100000         0.00         0.00         0.00         653,176.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KB001000 (PRNMEL001033)         0.00         0.00         545,000.00           WA         39KB00000 (IHE50000A001)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (AGRSURA02W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA05W004)         0.00         186,901.94         186,901.94           3T         400403209 (AGRSURA05W004)         0.00         1,69,901.94         186,901.94           3T         400403209 (AGRSURA05W007)         0.00         186,901.94         186,901.94           3T         4004		· · ·	0.00	591,000.00	1,184,000.00
392100000 0.00 0.00 653,176.00 39DP08170 0.00 0.00 967,442.00 WA 39KB00000 (87R203) 0.00 0.00 0.00 312,939,618.00 WA 39KB00000 (PRN03SC01003) 0.00 0.00 545,000.00 WA 39KG01000 (PRNMEL001033) 0.00 0.00 0.00 545,000.00 YA 39WB00000 (IHE500000A001) 0.00 0.00 9,955,000.00 YA 39WB00000 (IHE500000A002) 0.00 0.00 0.00 89,80.85.00 YA 39WB00000 (IHE500000A003) 0.00 0.00 0.00 80,100.00 YA 39WB00000 (IHE500000A003) 0.00 0.00 0.00 80,100.00 3T 400403109 (2001-W004/2002W003) 0.00 0.00 0.00 4,308,737.86 3T 400403109 (AGRSURA05W004) 0.00 1,159,223.30 1,159,223.30 3T 400403209 (AGRSURA05W004) 0.00 1,159,223.30 1,159,223.30 3T 400403209 (AGRSURA2005W007) 0.00 186,901.94 186,901.94 186,901.94 140403309 (AGRN00014-01-F-0171A) 0.00 0.00 4,441,792.23 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 390,141.00 390,141.00 371 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 24,271.84 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 24,271.84 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 24,271.83 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 22,129,060.57 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 22,129,060.57 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 250,485.44 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 550,485.44 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 0.00 256,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
392100000 39DP08170 0.00 0.00 0.00 967,442.00 WA 39KB00000 (87R203) 0.00 0.00 0.00 312,939,618.00 WA 39KG01000 (PRN03SC01003) 0.00 0.00 0.00 0.00 545,000.00 WA 39KG01000 (PRNMEL001033) 0.00 0.00 0.00 9,955,000.00 YA 39WB00000 (IHE500000A001) 0.00 0.00 0.00 0.00 0.00 0.00 0.00		•	0.00	0.00	1,339,000.00
39DP08170	<b>\</b>	392100000	0.00	0.00	653,176.00
WA         35KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA05W004)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN00144-1F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         2,729,060.57	j		0.00	0.00	967,442.00
WA         39KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         0.00         988,085.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         0.00         80,100.00           3T         400403109 (AGRSURA602W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA605W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN00014-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-F-0171A)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-D-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F0171C)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171H) <t< td=""><td>WA</td><td></td><td>0.00</td><td>0.00</td><td>312,939,618.00</td></t<>	WA		0.00	0.00	312,939,618.00
WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA02W003)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA205W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0001401-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-0171A)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171F)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171F)         0.00         0.00         2			0.00	0.00	545,000.00
YA         39WB00000 (IHE50000A001)         0.00         0.00         988,085.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         1,708,737.86           3T         400403109 (AGRSURA05W003)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA5005W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0001401-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN0001401-F-0171A)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00 <td< td=""><td></td><td>39KG01000 (PRNMEL001033)</td><td>0.00</td><td>0.00</td><td></td></td<>		39KG01000 (PRNMEL001033)	0.00	0.00	
YA 39WB00000 (IHE500000A002)	YA	39WB00000 (IHE50000A001)	0.00	0.00	
3T       400403109 (2001-W004/2002W003)       0.00       0.00       4,308,737.86         3T       400403109 (AGRSURA02W003)       0.00       0.00       1,708,737.86         3T       400403209 (AGRSURA05W004)       0.00       1,159,223.30       1,159,223.30         3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN0001401-F-0171)       0.00       0.00       4,441,792.23         3T       400403309 (AGPN0001401-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       21,29,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)<	YA		0.00		•
3T       400403109 (AGRSURA02W003)       0.00       0.00       1,708,737.86         3T       400403209 (AGRSURA05W004)       0.00       1,159,223.30       1,159,223.30         3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN0001401-F-01714)       0.00       0.00       4,441,792.23         3T       400403309 (AGRN00014-01-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       21,29,060.57         3T       400403309 (AGRN00014-01-F-0171E)       0.00       0.00       21,29,060.57         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       21,29,060.57         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-017	YA	39WB00000 (IHE500000A003)	0.00		
3T       400403209 (AGRSURA05W004)       0.00       1,159,223.30       1,159,223.30         3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN0001401-F-0171)       0.00       0.00       4,441,792.23         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171B)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171B)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171B)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-01	3T	400403109 (2001-W004/2002W003)	0.00		
3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0001401-F-0171A)         0.00         0.00         4,441,792.23           3T         400403309 (AGPN0001401-F-0171A)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171E)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         550,485.44           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         4,270,388.34           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         526,213.59           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         617,961.17           3T         400403309 (AGRN00014-03-F-0171B)         0.00         0.00         269,417.47           3T         400403309 (AGRN00014-03-F-0171B)         0.00         0.00         170,679.61           3T         400403309 (AGRN00014-04-F-0171B)         0.00         0.00         2,766,990.29           3T         400403309 (AGRN00014-04-F-0171B)         0.00         <	3T	400403109 (AGRSURA02W003)		and the second s	
3T       400403309 (AGRN0001401-F-0171)       0.00       0.00       4,441,792.23         3T       400403309 (AGPN0001401-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         3T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171R)       0.00       0.	3T	400403209 (AGRSURA05W004)			
3T       400403309 (AGPN0001401-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.	3T	400403209 (AGRSURA2005W007)			
3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         3T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89	3T	400403309 (AGRN0001401-F-0171)			
3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171K)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         3T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       266,601.04	3T	400403309 (AGPN0001401-F-0171A)			
3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89	3T	400403309 (AGRN00014-01-F-0171B)			
3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGNR00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89	3T	400403309 (AGRN00014-01-F-0171C)			
3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGNR00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         3T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       266,601.94	3T	400403309 (AGRN00014-01-F0171E)	0.00		
3T	3T				
3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         3T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171R)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       266,601.94	3T	400403309 (AGNR00014-01-F0171H)			•
3T	3T ·	400403309 (AGNR00014-01-F0171I)	0.00		
3T	3T	400403309 (AGRN00014-03-F-0171J)	0.00		. ,
3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         3T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       266,601.94	3T	400403309 (AGRN00014-03-F-0171K)			· · · · · · · · · · · · · · · · · · ·
3T 400403309 (AGRN00014-04-F-0171N) 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171P) 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171Q) 0.00 0.00 169,708.74 3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89	3T				• • • •
400403309 (AGRN00014-04-F-0171P) 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171Q) 0.00 0.00 169,708.74 3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89	. 3T	400403309 (AGRN00014-04-F-0171M)			•
400403309 (AGRN00014-04-F-0171Q) 0.00 0.00 169,708.74 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89 3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 266.601.94	3T				
3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89	₹.				
31 40040309 (ACITITOD 14-04-1-01 11)	j.				•
3T 400403309 (AGRN00014-04-F-0171S) 0.00 0.00 266,601.94	3T				
	3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	200,001.94

f         400403309 (AGRN00014-04F-0171T)         0.00         545,631,07         545,631,07           3T         400403399 (AGRN00014-04F-0171V)         0.00         1,915,533,98         2,815,533,98           3T         400403399 (AGRN00014-04F-0171V)         0.00         1,911,747,57         970,873,79         970,873,79           3T         400403399 (AGRN00014-04F-0171V)         0.00         0.00         0.00         1,911,747,57           3T         400403399 (OP AGR00096)         0.00         0.00         0.00         1,718,446,60           3T         400403399 (OP AGR-00F-0439)         0.00         0.00         0.00         1,718,466,60           3T         400403399 (OP AGR-201-0495)         0.00         0.00         1,705,563,00           3T         400403399 (EAGR AGR SURA 2004W007)         0.00         0.00         1,621,00           3T         400403399 (EAGR AGR 2014W007)         0.00         0.00         5,43,689,32           3T         400403899 (EAGRON1460-01)         0.00         0.00         2,621,00           3Y         400407000 (AGRSUFA2004W007)         0.00         5,339,81         5,339,81           3Y         400447200 (AGRSUFA2004W007)         0.00         0.00         1,718,00           3Y	ıd Type	B&R Code	Change	FY05	To Date
3T	1 er <b>(</b>	400403309 (AGRN00014-04-F-0171T)	0.00	545 631.07	545 631 07
37	Part 1 and 1	· · · · · · · · · · · · · · · · · · ·			
3T   400403309 (AGRN00014-04F-0171W)		· · · · · · · · · · · · · · · · · · ·		•	
3T   400403309 (ACSULRA03W002)				• •	- ,
3T   400403309 (oP AGR000096)		•			-
3T					•
3T		•			•
3T					
3T		,			•
37	3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
39Y   400409900 (AGRSURA2001W002)   0.00   0.00   17,018.00   17,018.00   27   600301010 (AGR-2001-W003)   0.00   0.00   0.00   956.00   27   600301010 (AGR-2001-W003)   0.00   0.00   0.00   956.00   27   600301010 (AGRSURA2005W008) STARS   Pgm No.(WFO No.) 1720572(0490137)   0.00   0.00   0.00   86,000.00   27   600301020 (AGRSURA2003W003)   0.00   0.00   0.00   86,000.00   27   600301020 (AGRSURA2003W003)   0.00   0.00   0.00   86,000.00   27   600301020 (AGRSURA2003W003)   0.00   0.00   0.00   86,000.00   27   600305000 (AGRSURA2004W004)   0.00   0.00   0.00   37,421.00   27   60030500 (AGRSURA2004W002)   0.00   0.00   0.00   37,421.00   27   60030500 (AGRSURA2004W002)   0.00   0.00   0.00   38,487.00   600305000 (OP AGR2000W003)   0.00   0.00   0.00   38,487.00   600305000 (OP AGR2000W003)   0.00   0.00   0.00   38,487.00   47,960.00   47,9	3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y   400409900 (AGRSURA2001W002)   0.00   0.00   17,018.00   27   600301010 (AGR-Y01-W003)   0.00   0.00   0.00   42,129.00   27   600301010 (AGR-2001-W003)   0.00   0.00   0.00   955.00   27   600301010 (AGRSURA2005W008)/ STARS   Pgm No.(WFO No.) 1720572(0490137)   0.00   0.00   0.00   0.699.00   0.00   27   600301020 (AGRSURA2003W003)   0.00   0.00   0.00   6500.00   0.00	3Y		0.00	5,339.81	5,339.81
2Y         600301010 (AGR-2201-W003)         0.00         0.00         198,292.00           2Y         600301010 (AGRSB003105)         0.00         0.00         198,292.00           2Y         600301010 (AGRSURA2005W008)/ STARS         969.00         9,699.00         9,699.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         6,500.00           2Y         60030500 (AGRS2002W005M)         0.00         0.00         16,722.00           2Y         60030500 (AGR2002W005M)         0.00         0.00         39,467.00           60030500 (OP AGR2000W002)         0.00         0.00         39,467.00           60030500 (OP AGR2000W002)         0.00         0.00         467,960.00           2Y         600305000 (AGRSURA200W002/W)         0.00         70,000.00         415,368.00           2Y         600305000 (AGRSURA200W0001)         0.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA200W0005)         58,806.00         58,806.00         58,806.00           2Y         600305000 (AGRSURA200W0000)         0.00         0.00         48,277.00           1Y <td>3Y</td> <td>400409900 (AGRSURA2001W002)</td> <td>0.00</td> <td>•</td> <td>17,018.00</td>	3Y	400409900 (AGRSURA2001W002)	0.00	•	17,018.00
2Y         600301010 (OP AGR88003105)         0.00         0.00         198,292.00           2Y         600301010 (AGRSURA2005W008)/ STARS         Pgm No.(WFO No.) 1726972(0490137)         0.00         9,699.00         9,699.00           2Y         600301020 (AGRSURA2003W003)         0.00         0.00         60,000           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         60,000           2Y         60030200 (OP AGR2000W005M)         0.00         0.00         16,722.00           2Y         60030500 (OP AGR2000W002)         0.00         0.00         16,722.00           2Y         60030500 (OP AGR2000W003)         0.00         0.00         3467.00           2Y         60030500 (OP AGR2000W003)         0.00         0.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         0.00         70,000.00         467,960.00           2Y         600305000 (AGRSURA2005W002)         0.00         3768.00         3768.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W002)         0.00         0.00	3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
Comparison   Com	2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
Pgm No.(WFO No.) 1720572(480137) 0.00 9,699.00 9,699.00 2Y 600301020 (AGRSURA2003W003) 0.00 0.00 65,000.00 2Y 600301020 (AGRSURA2004W004) 0.00 0.00 65,000.00 2Y 600302000 (OP AGR2000W001) 0.00 0.00 0.00 87,421.00 2Y 600305000 (OP AGR2000W002) 0.00 0.00 39,467.00 600305000 (OP AGR2000W003) 0.00 0.00 39,467.00 600305000 (OP AGR2000W003) 0.00 0.00 467,960.00 2Y 600305000 (OP AGR2000W003) 0.00 0.00 467,960.00 2Y 600305000 (OP AGR2000W003) 0.00 0.00 326,516.00 320,500 (OP AGR2000W002) 0.00 0.00 467,960.00 2Y 600305000 (AGRSURA2005W001) 0.00 326,516.00 322,516.00 2Y 600305000 (AGRSURA2005W001) 0.00 326,516.00 322,516.00 2Y 600305000 (AGRSURA2005W002) 0.00 3,768.00 326,516.00 2Y 600305000 (AGRSURA2005W002) 0.00 3,768.00 358,806.00 5	2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y         60301020 (AGRSURA2003W003)         0.00         0.00         86,000.00           2Y         600301020 (AGRSURA2004W004)         0.00         0.00         6,500.00           2Y         600302000 (OP AGR2000W005M)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           600305000 (OP AGR2000W002)         0.00         0.00         8,148.00           600305000 (OP AGR2000W003)         0.00         0.00         467,960.00           2Y         600305000 (AGR2004W002/W)         0.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         0.00         3768.00         326,516.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600305000 (AGRSURA2004W0000)         0.00         0.00         46,277.00           1Y         650102000 (AGRSURA2004W0000)         0.00         0.00         6,796.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         20,000.00           1Y         650102000 (	2Y	600301010 (AGRSURA2005W008)/ STARS			
2Y         600301020 (AGRSURA2004W004)         0.00         0.00         6,500.00           2Y         600302000 (OP AGR2000W001)         0.00         0.00         87,421.00           2Y         60030500 (AGR2002W005M)         0.00         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         0.00         39,467.00           600305000 (OP AGR2000W003)         0.00         0.00         0.00         467,960.00           2Y         600305000 (AGRSURA2005W001)         0.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         36,616.00         326,516.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00         3768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00         58,806.00           2Y         600306000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00         58,806.00         58,806.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         46,277.00           1Y         650102000 (AGR894-002)         0.00         0.00		Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y         600302000 (OP AGR2000W005M)         0.00         0.00         87,421.00           2Y         60030500 (AGR2000W005M)         0.00         0.00         0.00         39,467.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         0.00         39,467.00           600305000 (OP AGR2000W003)         0.00         0.00         467,960.00         0.00         47,960.00           2Y         600305000 (AGR2004W002/W)         0.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W001)         0.00         3,768.00         3768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGRSURA-2001+S002)         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.0	2Y	600301020 (AGRSURA2003W003)	0.00	0.00	· ·
2Y         60030500 (AGR2002W005M)         0.00         0.00         16,722.00           2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           C         600305000 (OP AGR2000W003)         0.00         0.00         8,148.00           600305000 (OP AGR2004W002/W)         0.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         0.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2004S002)         0.00         <	2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y         600305000 (OP AGR2000W002)         0.00         0.00         39,467.00           600305000 (OP AGR2000W003)         0.00         0.00         8,148.00           600305000 (OP AGR2000W003)         0.00         0.00         487,860.00           2Y         600305000 (AGR2004W002/W)         0.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         0.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR84-001)         0.00         0.00         0.00         6,796.00           1Y         650102000 (AGR894-02)         0.00         0.00         20,000.00           1Y         650102000 (AGR88003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00      <	2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
600305000 (OP AGR2000W003) 600305000 (OP AGR99W001) 2Y 600305000 (AGRSURA2000W002W) 2Y 600305000 (AGRSURA2005W001) 2Y 600305000 (AGRSURA2005W001) 2Y 600305000 (AGRSURA2005W001) 2Y 600305000 (AGRSURA2005W002) 2Y 600305000 (AGRSURA2005W002) 2Y 600305000 (AGRSURA2005W005) 3,768.00 0,00 0,00 0,00 0,00 0,00 0,00 0,00		60030500 (AGR2002W005M)	0.00	0.00	16,722.00
600305000 (OP AGR99W001)	2Y	600305000 (OP AGR2000W002)	0.00	0.00	
2Y         600305000 (AGR2004W002/VV)         0.00         70,000.00         145,358.00           2Y         600305000 (AGRSURA2005W001)         0.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         203,651.00           1Y         650102000 (AGR8003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00 </td <td>•</td> <td>600305000 (OP AGR2000W003)</td> <td>0.00</td> <td>0.00</td> <td>8,148.00</td>	•	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y         600305000 (AGRSURA2005W001)         0.00         326,516.00         326,516.00           2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600305000 (AGRSURA-2004W0000)         0.00         0.00         0.00         48,277.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         20,000.00           1Y         650102000 (AGR980003)         0.00         0.00         27,180.00           1Y         650102000 (AGRS003)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00 </td <td>1</td> <td>600305000 (OP AGR99W001)</td> <td>0.00</td> <td>0.00</td> <td>467,960.00</td>	1	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y         600305000 (AGRSURA2005W002)         0.00         3,768.00         3,768.00           2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         0.00         20,000.00           1Y         650102000 (AGR98003)         0.00         0.00         0.00         72,00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S004)         0.00	. 2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y         600305000 (AGRSURA2005W005)         58,806.00         58,806.00         58,806.00           2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR980003)         0.00         0.00         23,651.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72,00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72,00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S004)         0.00         0.00         5,915.00           1Y<	2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y         600306000 (AGRSURA-2004W0000)         0.00         0.00         48,277.00           1Y         650102000 (AGR-2001-S002)         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         203,651.00           1Y         650102000 (AGR8003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2004S003)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         84,000.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,915.00           1Y         <	2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	
1Y         650102000 (AGR-2001-S002)         0.00         0.00         6,796.00           1Y         650102000 (AGR94-001)         0.00         0.00         20,000.00           1Y         650102000 (AGR94-002)         0.00         0.00         203,651.00           1Y         650102000 (AGR80003)         0.00         0.00         27,180.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S003)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         84,000.00         84,000.00           1Y         650102000 (AGRSURA2004S005S001)         9,000.00         84,000.00         84,000.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,915.00           TC <td>2Y</td> <td>600305000 (AGRSURA2005W005)</td> <td>58,806.00</td> <td>,</td> <td>-</td>	2Y	600305000 (AGRSURA2005W005)	58,806.00	,	-
1Y       650102000 (AGR94-001)       0.00       0.00       20,000.00         1Y       650102000 (AGR94-002)       0.00       0.00       203,651.00         1Y       650102000 (AGR980003)       0.00       0.00       27,180.00         1Y       650102000 (AGRS003)       0.00       0.00       72.00         1Y       650102000 (AGRSURA2002S002)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S003)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2004S003)       0.00       84,000.00       84,000.00         1Y       650102000 (AGRSURA2004S003)       0.00       84,000.00       84,000.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,9853.00         TC       820101000 (OP       0.00       0.00       5,933,571.00         TC </td <td></td> <td>600306000 (AGRSURA-2004W0000)</td> <td></td> <td></td> <td></td>		600306000 (AGRSURA-2004W0000)			
1Y       650102000 (AGR94-002)       0.00       0.00       203,651.00         1Y       650102000 (AGR980003)       0.00       0.00       27,180.00         1Y       650102000 (AGRS003)       0.00       0.00       72.00         1Y       650102000 (AGRSURA2002S002)       0.00       0.00       10,875.00         1Y       650102000 (AGRSURA2002S003)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       84,000.00         1Y       650102000 (AGRSURA2005S001)       9,000.00       84,000.00       84,000.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       599,853.00         TC       820101000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       59,638,28		<b>650102000</b> (AGR-2001-S002)			· · · · · · · · · · · · · · · · · · ·
1Y         650102000 (AGR980003)         0.00         0.00         27,180.00           1Y         650102000 (AGRS003)         0.00         0.00         72.00           1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2004S003)         9,000.00         84,000.00         84,000.00           1Y         650102000 (AGRSURA2005S001)         9,000.00         84,000.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         599,853.00           TC         820101000 (OP TSKER 40150JLAAA CR40)         0.00         0.00         599,853.00           TC         820201000 (OP TSKER40150TJAAA CR40)         0.00         0.00         5,933,571.00		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
1Y       650102000 (AGRS003)       0.00       0.00       72.00         1Y       650102000 (AGRSURA2002S002)       0.00       0.00       10,875.00         1Y       650102000 (AGRSURA2002S003)       0.00       0.00       199,042.00         1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       9,000.00       84,000.00       84,000.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       5,9853.00         TC       820201000 (OP)       0.00       0.00       59,853.00         TC       820201000 (OP)       0.00       0.00       5,933,571.00         TC       820201000 (OP)       0.00       0.00       5,933,571.00         TC		· · · · · · · · · · · · · · · · · · ·			•
1Y         650102000 (AGRSURA2002S002)         0.00         0.00         10,875.00           1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S002)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2005S001)         9,000.00         84,000.00         84,000.00           1Y         650102000 (OP AGR00-004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         599,853.00           TC         820101000 (OP)         0.00         0.00         599,853.00           TC         820201000 (OP TSKER 40150JLAAA CR40)         0.00         0.00         5,933,571.00           TC         820201000 (OP TSKER40150TJAAA CR40)         0.00         0.00         59,638,287.00           WA         AT5015033         0.00         0.00         684.00)         44,244.00					·
1Y         650102000 (AGRSURA2002S003)         0.00         0.00         199,042.00           1Y         650102000 (AGRSURA2003S002)         0.00         0.00         29,544.00           1Y         650102000 (AGRSURA2004S002)         0.00         76,726.00         89,986.00           1Y         650102000 (AGRSURA2004S003)         0.00         30,000.00         30,000.00           1Y         650102000 (AGRSURA2005S001)         9,000.00         84,000.00         84,000.00           1Y         650102000 (OP AGR00-004)         0.00         0.00         5,915.00           1Y         650102000 (AGRSURA2004W004)         0.00         0.00         0.00           TC         820101000 (OP)         0.00         0.00         599,853.00           TC         820201000 (OP TSKER 40150JLAAA CR40)         0.00         0.00         56,624.00           TC         820201000 (OP TSKER40150TJAAA CR40)         0.00         0.00         59,638,287.00           WA         AT5015033         0.00         0.00         59,638,287.00           WA         AT5015033         0.00         0.00         50,000.00           CS502000         0.00         0.00         145,500.00           FG         CS502000 (EQU)         0.00 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
1Y       650102000 (AGRSURA2003S002)       0.00       0.00       29,544.00         1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       9,000.00       84,000.00       84,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       (1,612.00)       113,388.00		· ·			· · · · · · · · · · · · · · · · · · ·
1Y       650102000 (AGRSURA2004S002)       0.00       76,726.00       89,986.00         1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       9,000.00       84,000.00       84,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00       599,853.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00		650102000 (AGRSURA2002S003)			-
1Y       650102000 (AGRSURA2004S003)       0.00       30,000.00       30,000.00         1Y       650102000 (AGRSURA2005S001)       9,000.00       84,000.00       84,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00       599,853.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       0.00       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00		· · · · · · · · · · · · · · · · · · ·			•
1Y       650102000 (AGRSURA2005S001)       9,000.00       84,000.00       84,000.00         1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         WA       AT5015033       0.00       0.00       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00		· · · · · · · · · · · · · · · · · · ·			
1Y       650102000 (OP AGR00-004)       0.00       0.00       5,915.00         1Y       650102000 (AGRSURA2004VV004)       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00		· ·			•
1Y       650102000 (AGRSURA2004W004)       0.00       0.00       0.00       0.00         TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00		•			
TC       820101000 (OP)       0.00       0.00       599,853.00         TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00		650102000 (OP AGR00-004)			
TC       820201000 (OP TSKER 40150JLAAA CR40)       0.00       0.00       56,624.00         TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00	1Y	650102000 (AGRSURA2004W004)			
TC       820201000 (OP TSKER401501111J CR40)       0.00       0.00       5,933,571.00         TC       820201000 (OP TSKER40150TJAAA CR40)       0.00       0.00       59,638,287.00         WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00	TC	· ·			
TC 820201000 (OP TSKER40150TJAAA CR40) 0.00 0.00 59,638,287.00 WA AT5015033 0.00 0.00 5,000.00 CS502000 0.00 (84.00) 44,244.00 CS502000 0.00 0.00 0.00 145,500.00 FG CS502000 (EQU) 0.00 (1,612.00) 113,388.00	TC				•
WA       AT5015033       0.00       0.00       5,000.00         CS502000       0.00       (84.00)       44,244.00         CS502000       0.00       0.00       145,500.00         FG       CS502000 (EQU)       0.00       (1,612.00)       113,388.00	TC	820201000 (OP TSKER401501111J CR40)			
C\$502000 0.00 (84.00) 44,244.00 C\$502000 0.00 0.00 145,500.00 FG C\$502000 (EQU) 0.00 (1,612.00) 113,388.00	TC	820201000 (OP TSKER40150TJAAA CR40)			
CS502000 0.00 0.00 145,500.00 FG CS502000 (EQU) 0.00 (1,612.00) 113,388.00	WA	AT5015033			
FG CS502000 (EQU) 0.00 (1,612.00) 113,388.00	•	CS502000		•	
000		CS502000			
TC DP0817020 0.00 0.00 954,954.00	FG	CS502000 (EQU)		• •	
	TC	DP0817020	0.00	0.00	954,954.00

YA EB550000 0.00 0.00 0.00 33,879.00 YA EB550100 0.00 0.00 (144.00) 33,879.00 YA EB550100 0.00 0.00 (146.00) 104,391.00 HA EL1703001 (OPFWP #EL17039) 0.00 0.00 0.00 50,000.00 TE EWOSMM090 0.00 0.00 509,000.00 50,000.00 WA F51001100 0.00 0.00 0.00 0.00 0.00 WA F51001100 0.00 0.00 0.00 0.00 0.00 WA F51001500 0.00 0.00 0.00 0.00 WA F51002000 (GPP) 0.00 140,000.00 556,626.00 WA F51002000 (GPP) 0.00 300,000.00 556,626.00 WA F51002000 0.00 0.00 140,000.00 556,626.00 WA F51002000 0.00 0.00 140,000.00 556,626.00 WA F51005000 0.00 0.00 140,000.00 0.00 WA F51005000 0.00 0.00 130,000.00 0.00 WA F51005000 0.00 0.00 130,000.00 0.00 WA F5100500 0.00 0.00 130,000.00 0.00 WA F51005000 0.00 0.00 130,000.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 0.00 WA F51005000 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 WA F5100500 0.00 0.00 0.00 0.00 0.00 0.00 0.	r Mills	nd Type	B&R Code	Change	FY05	To Date
YA         EBS501000 PA         0.00 (146.00)         (146.00) (146.00)         338,879.00 (146.00)           HA         EL1703000 (OPFWP #EL17039)         0.00         0.00         25,000.00           HA         EL1703001 (OPFWP #EL17039)         0.00         0.00         25,000.00           TE         EW09MM090         0.00         0.00         50,000.00           WA         F\$1001100         0.00         0.00         0.00           WA         F\$1002200 (GPP)         0.00         30,000.00         300,000.00           WA         F\$1002200 (GPP)         0.00         0.00         0.00           WA         F\$1002200 (GPP)		· ζΑ	EB550000	0.00	0.00	0.00
YA         EBS502000 (DPFWP #EL17039)         0.00         (146.00)         104,381.00           HA         EL170300 (DPFWP #EL17039)         0.00         0.00         0.00         5,000.00           TE         EW99MM090         0.00         0.00         0.00         50,000.00           WA         F\$100100         0.00         0.00         59,000.00         2,234,374.00           WA         F\$1001100         0.00         0.00         0.00         0.00           WA         F\$1001200         0.00         0.00         0.00         0.00           WA         F\$1002000 (GPP)         0.00         300,000.00         300,000.00         0.00           WA         F\$1002300         0.00         0.00         0.00         0.00           WA         F\$1002500         0.00         0.00         0.00         0.00           WA         F\$1005000         0.00         0.00         0.00         0		YA	EB5501000			
HA         EL170300 (OPFWP #EL17039)         0.00         0.00         25,000.00           HA         EL1703010         0.00	٠	YA	EB5502000		` ,	· ·
HA         EL1703010         0.00         0.00         0.00         5,000,00           VA         FS1001000         0.00         50,000,00         2,234,374,00           WA         FS1001100         0.00         0.00         0.00         0.00           WA         FS1001500         0.00         0.00         0.00         0.00           WA         FS1002000 (GPP)         0.00         300,000,00         300,000,00         300,000,00           WA         FS1002300         0.00         0.00         0.00         0.00           WA         FS1002300         0.00         0.00         0.00         0.00           WA         FS1005500         0.00         0.00         0.00         0.00           WA         FS1005500         0.00         0.00         0.00         0.00           WA         FS1005500         0.00         0.00         0.00         0.00           WA         FS1009300         0.00         0.00         0.00         0.00           WA         FS1001100         0.00         0.00         0.00         0.00           WY         FS1001100         0.00         0.00         0.00         0.00           W			EL1703000 (OPFWP #EL17039)		,	
TE EW9MM090 0.00 0.00 509,000.00 50,000.00 0.00 0.00 0.00 0.00 0.						•
WA         FS1001100         0.00         509,000.00         2,234,374,00           WA         FS1001500         0.00         0.00         0.00           WA         FS1001500         0.00         0.00         0.00           WA         FS1002000 (GPP)         0.00         300,000.00         300,000.00           WA         FS1002300         0.00         0.00         0.00           WA         FS1002400         0.00         0.00         0.00           WA         FS1005500         0.00         453,000.00         1,376,000.00           WA         FS1005500         0.00         0.00         0.00           WA         FS1009300         0.00         7,200.00         315,000.00           WA         FS1009300         0.00         0.00         0.00           WA         FS1009300         0.00         0.00         0.00           WV         FS1001000         0.00         0.00         145,773.00           WV         FS1001000         0.00         0.00         0.00           WV         FS1002000         0.00         0.00         0.00           WV         FS1002400         0.00         0.00         0.00				0.00		
WA         FS1001500         0.00         0.00         0.00         0.00           WA         FS1002000         0.00         140,000.00         555,626 00           WA         FS1002000         0.00         300,000.00         300,000.00           WA         FS1002300         0.00         0.00         0.00           WA         FS1002300         0.00         0.00         0.00           WA         FS1005000         0.00         0.00         0.00           WA         FS1005000         0.00         0.00         0.00           WA         FS1005500         0.00         0.00         0.00           WA         FS1009900         0.00         72,000.00         315,000.00           WA         FS1009300         0.00         0.00         145,773.00           WV         FS1001100         0.00         0.00         0.00           WV         FS1001200         0.00         0.00         0.00           WV         FS1002400         0.00         0.00         0.00           WV         FS1002900         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         0.00				0.00	509,000.00	·
WA         F51002000 (GPP)         0.00         140,000.00         595,626.00           WA         F51002300         0.00         300,000.00         300,000.00           WA         F51002300         0.00         0.00         0.00           WA         F51002400         0.00         0.00         0.00           WA         F51005100         0.00         453,000.00         1,376,000.00           WA         F51005500         0.00         0.00         0.00           WA         F51009000         0.00         0.00         0.00           WA         F51009300         0.00         0.00         0.00           WA         F51009300         0.00         0.00         0.00           WY         F5100100         0.00         0.00         0.00           WY         F5101100         0.00         0.00         0.00           WY         F5102000         0.00         0.00         0.00           WY         F5102000         0.00         0.00         0.00           WA         F5109900         0.00         0.00         0.00           WA         KA1401330         0.00         0.00         0.00           WA </td <td></td> <td></td> <td></td> <td>0.00</td> <td></td> <td></td>				0.00		
WA         FS1002000 (GPP)         0.00         300,000.00         300,000.00           WA         FS1002400         0.00         0.00         0.00           WA         FS1005000         0.00         453,000.00         1,376,000.00           WA         FS1005100         0.00         0.00         0.00           WA         FS1005500         0.00         0.00         0.00           WA         FS1009000         0.00         0.00         0.00           WA         FS1009300         0.00         0.00         0.00           WY         FS1001000         0.00         0.00         0.00           WY         FS1001500         0.00         0.00         0.00           WY         FS1001500         0.00         0.00         0.00           WY         FS1002200         0.00         0.00         0.00           WY         FS1009300         0.00         0.00         0.00           Y         FS1009000         0.00         0.00         0.00           Y         FS1009300         0.00         0.00         0.00           WA         KA1501020         0.00         0.00         0.00           WA				0.00	0.00	
WA         FS1002300         0.00         0.00         0.00           WA         FS1002400         0.00         0.00         0.00           WA         FS100500         0.00         0.00         0.00           WA         FS1005100         0.00         0.00         0.00           WA         FS100500         0.00         0.00         0.00           WA         FS100900         0.00         72,000.00         315,000.00           WA         FS100300         0.00         0.00         0.00           WV         FS100100         0.00         0.00         0.00           WV         FS1001100         0.00         0.00         0.00           WV         FS1001200         0.00         0.00         0.00           WV         FS1002000         0.00         0.00         0.00           WY         FS109300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         0.00           WA         KA1501220         0.00         25,000.00         25,000.00           WA         KA1501023         0.00         0.00         25,000.00           WA         KA1				0.00	140,000.00	595,626.00
WA         FS1002400         0.00         0.00         0.00           WA         FS1005000         0.00         453,000.00         1,376,000.00           WA         FS1005500         0.00         0.00         0.00           WA         FS1009500         0.00         0.00         0.00           WA         FS1009300         0.00         0.00         0.00           WA         FS1009300         0.00         0.00         0.00           WV         FS1001000         0.00         0.00         0.00           WV         FS1001500         0.00         0.00         0.00           WV         FS1002500         0.00         0.00         0.00           WV         FS1002400         0.00         0.00         0.00           WY         FS1002400         0.00         0.00         0.00           WA         KA140130         0.00         0.00         0.00           WA         KA1450120         0.00         0.00         644,310.00           WA         KA1550230 (EQU)         0.00         0.00         35,000.00           WA         KA1550230 (EQU)         0.00         0.00         35,000.00           WA				0.00	300,000.00	300,000.00
WA         F\$1005000         0.00         453,000.00         1,376,000.00           WA         F\$1005100         0.00         0.00         0.00           WA         F\$1005500         0.00         0.00         0.00           WA         F\$1009000         0.00         72,000.00         315,000.00           WA         F\$1001000         0.00         0.00         0.00           WV         F\$1001100         0.00         0.00         0.00           WV         F\$1001100         0.00         0.00         0.00           WV         F\$1001500         0.00         0.00         0.00           WV         F\$1002000         0.00         0.00         0.00           WV         F\$1002900         0.00         0.00         0.00           WA         F\$1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         0.00           WA         KA1550230         0.00         0.00         25,000.00           WA         KA1550230         0.00         0.00         35,000.00           WA         KA1502030         0.00         0.00         35,000.00           WA<					0.00	0.00
WA         F\$1005100         0.00         0.00         0.00           WA         F\$100500         0.00         0.00         0.00           WA         F\$1009300         0.00         0.00         315,000.00           WA         F\$1009300         0.00         0.00         0.00           WV         F\$1001100         0.00         0.00         0.00           WV         F\$1001150         0.00         0.00         0.00           WV         F\$1002400         0.00         0.00         0.00           WV         F\$1002400         0.00         0.00         0.00           WY         F\$1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         644,310.00           WA         KA14501020         0.00         25,000.00         25,000.00           WA         KA1502030 (EQU)         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         11,943.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         155,900.00					0.00	0.00
WA         F\$1005500         0.00         0.00         72,000.00         315,000.00           WA         F\$1009300         0.00         0.00         0.00         0.00           WV         F\$1001000         0.00         0.00         0.00         145,773.00           WV         F\$1001500         0.00         0.00         0.00         0.00           WV         F\$1002000         0.00         0.00         0.00         0.00           WV         F\$1002400         0.00         0.00         0.00         9,000.00           V         F\$1009000         0.00         0.00         0.00         9,000.00           VA         K\$1009300         0.00         0.00         0.00         9,000.00           WA         K\$1401030         0.00         0.00         0.00         644,310.00           WA         K\$15010230         0.00         0.00         25,000.00         25,000.00           WA         K\$1502030         0.00         0.00         35,000.00         0.00         35,000.00           WA         K\$1502030 (EQU)         0.00         0.00         11,943.00         0.00         11,943.00         0.00         11,943.00         0.00         11,943.0					453,000.00	1,376,000.00
WA         F\$1009000         0.00         72,000.00         315,000.00           WA         F\$1009300         0.00         0.00         0.00           WW         F\$1001100         0.00         0.00         0.00           WW         F\$1001500         0.00         0.00         0.00           WW         F\$1002500         0.00         0.00         0.00           WW         F\$1002400         0.00         0.00         0.00           WY         F\$1002400         0.00         0.00         0.00           WY         F\$1009000         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         0.00           WA         KA1450122         0.00         25,000.00         25,000.00           WA         KA1502030 (EQU)         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         33,800.00           WA         KC0204018         0.00         0.00         33,800.00           WA         KG0801000         0.00         0.00         37,800.00						
WA         F\$1009300         0.00         0.00         0.00           WV         F\$1001000         0.00         0.00         0.00           WV         F\$1001500         0.00         0.00         0.00           WV         F\$1002000         0.00         0.00         0.00           WV         F\$1002200         0.00         0.00         0.00           WV         F\$1009000         0.00         0.00         0.00           V         F\$1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         644,310.00           WA         KA1501020         0.00         0.00         0.00         644,310.00           WA         KA1502303 (EQU)         0.00         0.00         0.00         9,000.00           WA         KC0204018         0.00         0.00         9,000.00           WA         KC0301030         0.00         0.00         11,943.00           WA         KG0801000         0.00         0.00         37,800.00           WA         KJ0102000         0.00         0.00         155,000.00           WA         KJ0102000         0.00         0.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>0.00</td></t<>						0.00
WW         FS1001000         0.00         0.00         145,773.00           WW         FS1001100         0.00         0.00         0.00           WW         FS1002000         0.00         0.00         0.00           WW         FS1002400         0.00         0.00         0.00           W         FS1009000         0.00         0.00         9,000.00           √         FS1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         64,310.00           WA         KA1502230         0.00         0.00         35,000.00           WA         KA1502303         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         11,943.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KG0801000         0.00         0.00         11,943.00           WA         KJ010133         0.00         0.00         182,982.00           WA         KJ0102000         0.00         0.00         1554,346.00           WA         KJ0102000         0.00         0.00         1,554,346.00						
WV         FS1001100         0.00         0.00         0.00           WV         FS1002000         0.00         0.00         0.00           WV         FS1002400         0.00         0.00         0.00           WV         FS1002400         0.00         0.00         0.00           V         FS1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         644,310.00           WA         KA1501020         0.00         25,000.00         25,000.00           WA         KA1502030         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         35,000.00           WA         KC0301030 (EQU)         0.00         0.00         11,943.00           WA         KC0301030 (EQU)         0.00         0.00         11,943.00           WA         KJ0101030 (EQU)         0.00         0.00         15,960.00           WA         KJ0102000 (EQU)         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         534,360.00           WA         KJ0102000 (EQU)         0.00         0.00<						
WV         FS1001500         0.00         0.00         0.00           WV         FS1002000         0.00         0.00         0.00           WV         FS1002400         0.00         0.00         0.00           V         FS1009000         0.00         0.00         0.00           V         FS1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         644,310.00           WA         KA1502020         0.00         0.00         0.00         25,000.00           WA         KA1502030         0.00         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         0.00         90,000.00           WA         KA1502030 (EQU)         0.00         0.00         11,943.00           WA         KC0204018         0.00         0.00         12,982.00           WA         KG0801000         0.00         0.00         182,982.00           WA         KG0801000         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         0.00         1,554,346.00           WA         KJ0102000 (EQU)				•		
WW         FS1002000         0.00         0.00         81,000.00           WV         FS1002400         0.00         0.00         0.00         0.00           V         FS1009300         0.00         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         25,000.00         25,000.00           WA         KA1501020         0.00         0.00         0.00         25,000.00           WA         KA1502030         0.00         0.00         0.00         90,000.00           WA         KA1502030 (EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         12,982.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         50,000.00         152,618.00           WA         KJ0101000         0.00         0.00         534,909.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
WV         FS1002400         0.00         0.00         0.00           V         FS1009000         0.00         0.00         9,000,00           V         FS1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         25,000.00         25,000.00           WA         KA1501020         0.00         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         0.00         182,982.00           WA         KC0301030         0.00         0.00         0.00         182,982.00           WA         KC0301030         0.00         0.00         0.00         185,000.00           WA         KJ0101030         0.00         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         12,618.00           WA         KL0101000 (SULI)						
V         FS1009000         0.00         0.00         9,000.00           .V         FS1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         25,000.00         25,000.00           WA         KA1501020         0.00         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         0.00         182,982.00           WA         KG0801000         0.00         0.00         0.00         337,800.00           WA         KJ0102000         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ020000         0.00         0.00         50,000.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         534,909.00         4V         KL0101000 (SULI)         0.00         0.00         122,618.00           WA         KL0201000 (SULI)         0.00						
√         FS1009300         0.00         0.00         0.00           WA         KA1401030         0.00         0.00         644,310.00           WA         KA1501020         0.00         25,000.00         25,000.00           WA         KA1502030         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         337,800.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         534,999.00           4V         KL0101000         0.00         0.00         534,999.00           4V         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,9920.00           TF         KP1404010         0.00 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
WA         KA1401030         0.00         0.00         644,310.00           WA         KA1501020         0.00         25,000.00         25,000.00           WA         KA1502030         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         12,982.00           WA         KG0801000         0.00         0.00         37,800.00           WA         KJ0102000         0.00         0.00         165,000.00           WA         KJ0102000         0.00         0.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         534,909.00           VA         KJ0101000 (SULI)         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0103000 (ESTPD)						
WA         KA1501020         0.00         25,000.00         25,000.00           WA         KA1502030         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         11,943.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         534,909.00           4V         KL0101000 (SULI)         0.00         0.00         534,909.00           4V         KL0101000 (SULI)         0.00         9,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1401030<						
WA         KA1502030         0.00         0.00         35,000.00           WA         KA1502030 (EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         182,982.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0102000 (EQU)         0.00         0.00         334,999.00           4V         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0101000 (SULI)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         0.00         40,900.00           WA         KL0201000 (LSTP						
WA         KA1502030 (EQU)         0.00         0.00         90,000.00           WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         182,982.00           WA         KG9801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000 (EQU)         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         534,999.00           4V         KL0101000 (SULI)         0.00         0.00         534,999.00           4V         KL01013000 (PST)         0.00         0.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1						
WA         KC0204018         0.00         0.00         11,943.00           WA         KC0301030         0.00         0.00         11,943.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0103000 (PST)         0.00         99,000.00         821,350.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         40,902.00           TF         KP1104010         0.00         232,920.00         409,920.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010         0.00         0.00         499,400.00           WA         KP1402010						•
WA         KC0301030         0.00         0.00         0.00         182,982.00           WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0103000 (PST)         0.00         99,000.00         821,350.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         4,000.00           WA         KP1402010 (EQU)         0.00         0.00         4,000.00           W						-
WA         KG0801000         0.00         0.00         337,800.00           WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,999.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1404010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         4,000.00           WA						
WA         KJ0101030         0.00         0.00         155,000.00           WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030 (EQU)         45,000.00         560,000.00         2,918,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         380,000.00           WA         KS01010117         0.00         0.00         380,000.00           WA         <						-
WA         KJ0102000         0.00         50,000.00         1,554,346.00           WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030 (EQU)         45,000.00         560,000.00         2,918,000.00           WA         KP1402010 (EQU)         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000 (EQU)         0.00         0.00         4,000.00           WA         KS01010014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         5,000.00           WA						-
WA         KJ0102000 (EQU)         0.00         0.00         44,745.00           WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1402010         0.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         380,000.00           WA         KT0101014         0.00         0.00         412,000.00           WA         KT01010						
WA         KJ0200000         0.00         0.00         534,909.00           4V         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         380,000.00           WA         KT0101014         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0					•	
4V         KL0101000         0.00         0.00         122,618.00           WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1402010         0.00         100,000.00         965,000.00           WA         KP1402010 (EQU)         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           VA         KT0101017         0.00         0.00         5,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
WA         KL0101000 (SULI)         0.00         99,000.00         821,350.00           WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         6,861.00           WA         KS0101000 (EQU)         0.00         0.00         380,000.00           WA         KT0101014         0.00         0.00         412,000.00           WA         KT0101017         0.00         0.00         5,000.00           WA         KT0101019         0.00         0.00         9,702.00						
WA         KL0103000 (PST)         0.00         0.00         40,000.00           WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00						
WA         KL0201000 (LSTPD)         0.00         232,920.00         409,920.00           TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           VA         KT0101017         0.00         0.00         412,000.00           VA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00			· · · · · · · · · · · · · · · · · · ·			
TF         KP1104010         0.00         0.00         13,000.00           WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           WA         KT0101017         0.00         0.00         412,000.00           WA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00						• •
WA         KP1401030         90,000.00         560,000.00         2,918,000.00           WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           YA         KT0101017         0.00         0.00         412,000.00           YA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00		1	•			•
WA         KP1401030 (EQU)         45,000.00         100,000.00         965,000.00           WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           YA         KT0101017         0.00         0.00         412,000.00           YA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00						
WA         KP1402010         0.00         0.00         175,600.00           WA         KP1402010 (EQU)         0.00         0.00         439,400.00           WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           YA         KT0101017         0.00         0.00         412,000.00           YA         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00				•	· ·	
WA       KP1402010 (EQU)       0.00       0.00       439,400.00         WA       KS0101000       0.00       0.00       4,000.00         WA       KS0101000 (EQU)       0.00       0.00       6,861.00         WA       KT0101014       0.00       0.00       380,000.00         'A       KT0101017       0.00       0.00       412,000.00         'A       KT0101019       0.00       0.00       5,000.00         WA       KT0101025       0.00       0.00       9,702.00			, ,	·	· · · · · · · · · · · · · · · · · · ·	
WA         KS0101000         0.00         0.00         4,000.00           WA         KS0101000 (EQU)         0.00         0.00         6,861.00           WA         KT0101014         0.00         0.00         380,000.00           'A         KT0101017         0.00         0.00         412,000.00           'A         KT0101019         0.00         0.00         5,000.00           WA         KT0101025         0.00         0.00         9,702.00						
WA       KS0101000 (EQU)       0.00       0.00       6,861.00         WA       KT0101014       0.00       0.00       380,000.00         'A       KT0101017       0.00       0.00       412,000.00         'A       KT0101019       0.00       0.00       5,000.00         WA       KT0101025       0.00       0.00       9,702.00			· ·			
WA       KT0101014       0.00       0.00       380,000.00         'A       KT0101017       0.00       0.00       412,000.00         'A       KT0101019       0.00       0.00       5,000.00         WA       KT0101025       0.00       0.00       9,702.00						
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WA KT0101025 0.00 0.00 9,702.00		,				
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nd Type	B&R Code		Change	FY05	To Date
i,iF	KV0101012		0.00	0.00	280,000.00
TF	KV0101014		0.00	0.00	612,000.00
WA	KX0310211		0.00	0.00	5,000.00
YA	WB0100000		0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)		(17,005.00)	(17,005.00)	107,995.00
SA	WN0219080		17,005.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)		0.00	17,005.00	17,005.00
SA	YN1901000		0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)		0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPÁC)		0.00	0.00	419,622.00
YZ -	YN1901000 (TSKER40150I111J)		0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)		0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)		0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)		0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	•	0.00	114,000.00	114,000.00
	TOTAL	\$	247,403.00	\$98,635,560.46	\$1,503,826,103.16

	DMENT OF SOLICITATION	/MODIFICATION C	OF CONTRACT	1. CONTRACT ID COE	PAGE OF PAGES
2. AMENDMEN	IT/MODIFICAITON NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT NO. (If applicable)
	M318	See Block 16C			,
3UED BY	CODE	230 210311 100	7. ADMINISTERED BY (If	other than Item 6)	CODE
Departn د	nent of Energy	<del></del>			, <del>/</del>
JNAF Site C	•				
12000 Jeffers					
Newport New	ADDRESS OF CONTRACTOR (No., street, co	winty State and 7IP Codel	<u> </u>	AND TO A MENDMENT	FOF SOLICIATION NO.
	Universities Research Association, Inc		-	(X) 19A. AMENDMENT	OF BOLIOIA HON NO.
	ork Avenue, NW	•			
Suite 430				9B. DATED (SEE I	TEM 11)
Washington,	D.C. 20005		·		
· rashington,	D.G. 20000			10A. MODIFICAT	ION OF CONTRACT/ORDER NO.
				DE-AC05-84EF	
				X 10B. DATED (SEE	: ITEM 11)
CODE	IFA	ACILITY CODE		August 3 1004	1
		M ONLY APPLIES TO	AMENDMENTS OF	August 3, 1984 SOLICITATIONS	,
mendment, an	d is received prior to the opening hour and d	ate specified.			
2. ACCOUNT	NG AND APPROPIRATION DATA (If required	i)			چىنىسىيىيىنى بالايىراردە كىرىن ئاكارىنىڭ كايوارىدە كايانىڭ <u>دى. دە ئىنىنى</u> ئىرىدىدىنى بارسانىيىيى
12. ACCOUNT	NG AND APPROPIRATION DATA (If required	4)			
	13. THIS ITEM O	ONLY APPLIES TO MOI THE CONTRACT/ORD			S.
N/A	13. THIS ITEM O	ONLY APPLIES TO MOI THE CONTRACT/ORD	ER NO. AS DESCRIE	BED IN ITEM 14.	
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N/A CHECK ONE  X E. IMPORTA	13. THIS ITEM OF IT MODIFIES  A. THIS CHANGE ORDER IS ISSUED PURSONO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/CONTR	ONLY APPLIES TO MOI THE CONTRACT/ORD SUANT TO: (Specify authority) DRDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO TH ENTERED INTO PURSUANT TO S, Regulations and DOE Directly and authority)	ER NO. AS DESCRIE THE CHANGES SET FORTH ECT THE ADMINISTRATIVE BE AUTHORITY OF FAR 43. TO AUTHORITY OF: Tectives (June 1997)  S document and returns	BED IN ITEM 14.  I IN ITEM 14 ARE MADE  CHANGES (such as char 103(b).	EIN THE CONTRACT ORDER  nges in paying office,  Dies to the issuing office.
N/A CHECK ONE  X E. IMPORTA 4. DESCRIPTION	13. THIS ITEM O IT MODIFIES  A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS Clause 1.100 DEAR 970.5204-78 Laws D. OTHER (Specify type of modification and ANT: Contractor is not, X ON OF AMENDMENT/MODIFICATION (Organ See Following Pag	ONLY APPLIES TO MOI THE CONTRACT/ORD SUANT TO: (Specify authority) ORDER IS MODIFIED TO REFLE I ITEM 14, PURSUANT TO TH ENTERED INTO PURSUANT TO 5, Regulations and DOE Dir and authority) is required to sign this nized by UCF section headings,	ER NO. AS DESCRIE THE CHANGES SET FORTH ECT THE ADMINISTRATIVE IE AUTHORITY OF FAR 43. TO AUTHORITY OF: Tectives (June 1997)  S document and return including solicitation/control	BED IN ITEM 14.  I IN ITEM 14 ARE MADE  CHANGES (such as char 103(b).  The subject matter where	e IN THE CONTRACT ORDER  Inges in paying office,  Dies to the issuing office.
X  E. IMPORTA  4. DESCRIPTIO	13. THIS ITEM OF IT MODIFIES  A. THIS CHANGE ORDER IS ISSUED PURSONO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/CONTR	ONLY APPLIES TO MOI THE CONTRACT/ORD SUANT TO: (Specify authority)  ORDER IS MODIFIED TO REFLE I ITEM 14, PURSUANT TO TH ENTERED INTO PURSUANT TO 6, Regulations and DOE Direct authority)  is required to sign this inized by UCF section headings, ICS	ER NO. AS DESCRIE THE CHANGES SET FORTH ECT THE ADMINISTRATIVE IE AUTHORITY OF FAR 43. TO AUTHORITY OF: Tectives (June 1997)  S document and return including solicitation/control	BED IN ITEM 14.  I IN ITEM 14 ARE MADE  CHANGES (such as char 103(b).  The subject matter where  ged, remains unchanged	EIN THE CONTRACT ORDER  Inges in paying office,  Dies to the issuing office.  I feasible.
N/A  CHECK ONE  X  E. IMPORTA  14. DESCRIPTION  Except as provious	13. THIS ITEM O IT MODIFIES  A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS Clause 1.100 DEAR 970.5204-78 Laws D. OTHER (Specify type of modification and ANT: Contractor is not, X  ON OF AMENDMENT/MODIFICATION (Organ See Following Pag	ONLY APPLIES TO MOI THE CONTRACT/ORD SUANT TO: (Specify authority)  ORDER IS MODIFIED TO REFLE I ITEM 14, PURSUANT TO TH ENTERED INTO PURSUANT TO 6, Regulations and DOE Direct authority)  is required to sign this inized by UCF section headings, ICS	ER NO. AS DESCRIE THE CHANGES SET FORTH  ECT THE ADMINISTRATIVE IE AUTHORITY OF FAR 43. O AUTHORITY OF: rectives (June 1997)  Is document and return, including solicitation/control  of 10A, as heretofore changes.	BED IN ITEM 14.  I IN ITEM 14 ARE MADE  CHANGES (such as char 103(b).  The subject matter where  ged, remains unchanged	EIN THE CONTRACT ORDER  Inges in paying office,  Dies to the issuing office.  I feasible.)
X  E. IMPORTA  4. DESCRIPTIO  5A. NAME AN	13. THIS ITEM O IT MODIFIES  A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS Clause 1.100 DEAR 970.5204-78 Laws D. OTHER (Specify type of modification and ANT: Contractor is not, X ON OF AMENDMENT/MODIFICATION (Organ See Following Pag  ded herein, all terms and conditions of the do ID TITLE OF SIGNER (Type or print)	ONLY APPLIES TO MOITHE CONTRACT/ORD SUANT TO: (Specify authority)  ORDER IS MODIFIED TO REFLE I ITEM 14, PURSUANT TO TH ENTERED INTO PURSUANT TO S, Regulations and DOE Dir and authority)  is required to sign this mixed by UCF section headings, ICS	ER NO. AS DESCRIE THE CHANGES SET FORTH ECT THE ADMINISTRATIVE IE AUTHORITY OF FAR 43. TO AUTHORITY OF: Tectives (June 1997)  S document and return, including selicitation/control To a to 10A, as heretofore changes with the control To a selicitation of the control	BED IN ITEM 14.  IN ITEM 14 ARE MADE  CHANGES (such as char 103(b).  The subject matter where  ged, remains unchanged  CONTRACTING OFFICER  stracting Officer	e IN THE CONTRACT ORDER  Inges in paying office,  Dies to the issuing office.  I feasible.)
X E. IMPORTA  14. DESCRIPTIO  5A. NAME AN	13. THIS ITEM O IT MODIFIES  A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS Clause 1.100 DEAR 970.5204-78 Laws D. OTHER (Specify type of modification and ANT: Contractor is not, X ON OF AMENDMENT/MODIFICATION (Organ See Following Pag  ded herein, all terms and conditions of the do ID TITLE OF SIGNER (Type or print)	ONLY APPLIES TO MOITHE CONTRACT/ORD SUANT TO: (Specify authority)  ORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE ENTERED INTO PURSUANT TO IS, Regulations and DOE Dir Ind authority)  Is required to sign this inized by UCF section headings, ICS  Occument referenced in Item 9A	ER NO. AS DESCRIE THE CHANGES SET FORTH ECT THE ADMINISTRATIVE IE AUTHORITY OF FAR 43. TO AUTHORITY OF: Tectives (June 1997)  Is document and return, including solicitation/control  To a to 10A, as heretofore changes of 10A, as heretofore changes	BED IN ITEM 14.  IN ITEM 14 ARE MADE  CHANGES (such as char 103(b).  The subject matter where  ged, remains unchanged  CONTRACTING OFFICER  stracting Officer	EIN THE CONTRACT ORDER  Inges in paying office,  Dies to the issuing office.  I feasible.)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150 Modification M318 Page 2 of 2

- 1. The purpose of this modification is to add DOE Order 142.3 entitled "UNCLASSIFED FOREIGN VISITS AND ASSIGNMENTS PROGRAM" to List B of Appendix E of subject contract.
- 2. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION	MODIFICATION (	OF CONTRACT	11. CONTRACT ID CO	DDE ,	PAGE OF PAGES  1 5
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	ASE REQ. NO.	5. PROJECT	NO. (If applicble)
A319	See Blk 16C			}	
'ED BY CODE		7. ADMINISTERED BY (II	f other than Item 6)	CODE	
Department of Energy			•		• 4
JNAF Site Office		:			
12000 Jefferson Avenue					
Newport News, VA 23606					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, cou	unty, State and ZIP Code)		(X) 9A. AMENDME	NT OF SOLICIAT	ION NO.
Southeastern Universities Research Association, Inc.					
1201 New York Avenue, NW					
Suite 430			9B. DATED (SE	E ITEM 11)	
Washington, D.C. 20005			10A MODIFICA	TION OF CONT	RACT/ORDER NO.
			DE-AC05-84		ACT/ORDER NO.
		Į.	100 DATED (S		
			X TOB. DATED (S		
CODE FAI	CILITY CODE	·	August 3, 19	84	
11. THIS ITEM	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS		
The above numbered solicitation is amended as set forth Offers must acknowledge receipt of this amendment prior to (a)By completing items 8 and 15, and returning or (c) By separate letter or telegram which includes a referen PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR your desire to change an offer already submitted, such change amendment, and is received prior to the opening hour and date.	the hour and date specified copies of the amendment; (I ce to the solicitation and am TO THE HOUR AND DATE See may be made by telegram	in the solicitation or as amer b) By acknowledging receipt rendment numbers. FAILUR PECIFIED MAY RESULT IN F	nded, by one of the folk of this amendment on E OF YOUR ACKNOWL REJECTION OF YOUR O	owing methods: each copy of the EDGMENT TO B	E RECEIVED AT THE ue of this amendment
40-4000 NITING AND 40000 NIA TION DATA ((6 ) )					
12. ACCOUNTING AND APPROPIRATION DATA (If required)  "ange"	}				
13. THIS ITEM O	NLY APPLIES TO MO	DIFICATION OF CO	NTRACTS/ORDE	RS.	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>
	THE CONTRACT/ORE				
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/C appropriation date, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMENT IS	I ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43		nanges in paying	- Torrice,
D. OTHER (Specify type of modification an		Maria de la composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición dela composición de la composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición de	·		
X Change in obligation of funds in accord	lance with Clause I.79 "O	Obligation of Funds."			
E. IMPORTANT: Contractor X is not,	is required to sign th	nis document and ret	urn — c	opies to the	issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organ	ized by UCF section heading SEE FOLLO	gs, including solicitation/conf WING PAGES	tract subject matter wh	ere feasible.)	***************************************
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Except as provided herein, all terms and conditions of the do	ocument referenced in Item 9	A or 10A, as heretofore cha	anged, remains unchang	ged and in full fo	rce and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE O	F CONTRACTING OFFI	CER (Type or pri	nt)
·			istrative Contracting	Officer	16C. DA∦E SIGNED
SONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF	AMERICA TACCU	ľ	IOC. DAVIE SIGNED
(Signature of person authorized to sign)	<del>·</del>	(Signatu	re of Contracting Office	er)	- 0/ 10/0-

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 The amount under this contract is increased \$0.00 and remains \$1,503,826,103.16.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

WA         KB0101021 (EQU)         1,844,000.00         5,724,000.00         186,918,075.00           WA         KB0101021 (EQU)         0.00         0.00         60,702,959.00           WA         KB0102011 (AIP)         0.00         1,200,000.00         10,463,000.00           WA         KB0102012 (EQUP)         0.00         800,000.00         8,724,000.00           WA         KB0102012 (EQUI)         700,000.00         5,000,000.00         134,291,059.00           WA         KB0102012 (EQUI)         700,000.00         5,000,000.00         22,033,900.00           WA         KB012013 (EQUI)         0.00         2,150,000.00         2,003,900.00           WA         KB012013 (EQUI)         0.00         2,150,000.00         2,150,000.00           WA         KB012013 (EQUI)         0.00         150,000.00         150,000.00           WA         KB012010 (EQUI)         0.00         0.00         5,772,000.00           WA         KB0130102 (EQUI)         0.00         0.00         66,702.00           WA         KB0301052 (EQUI)         0.00         30,000.00         1,184,000.00           WA         KB0301052 (EQUI)         0.00         130,000.00         1,339,000.00           WA         KB0301	Fund Type	B&R Code	Change	FY05	To Date
WA         KB0101021 (EQU)         0.00         60,702,959.00           WA         KB0102011 (AIP)         40,000.00         46,715,000.00         547,253,777.00           WA         KB0102011 (AIP)         0.00         1,200,000.00         10,463,000.00           WA         KB0102012 (SQM,000.00)         21,350,000.00         134,291,059.00           WA         KB0102012 (EQU)         700,000.00         5,000,000.00         43,106,488.00           WA         KB0102013 (EQU)         0.00         0.00         2,033,900.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         0.00         5,772,000.00           WA         KB0181016         0.00         0.00         5,772,000.00           WA         KB0181020         1,286,000.00         3,000,000.00         13,066,702.00           WA         KB0301052 (EQU)         1,00         591,000.00         1,866,000.00           WA         KB0301052 (EQU)         0.00         0.00         3,000,000           WA         KB0301052 (EQU)         0.00         0.00	WA	KB0101021	1.844.000.00	5.724.000.00	186.918.075.00
WA         KB0102011 (AIP)         40,000.00         48,715,000.00         547,253,777.00           WA         KB0102011 (GPP)         0.00         1,200,000.00         8,724,000.00           WA         KB0102012 (EQU)         700,000.00         21,355,000.00         134,291,059.00           WA         KB0102012 (EQUEQU01CS)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQUEQU01CS)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQUEQU01CS)         0.00         0.00         2,003,900.00           WA         KB0102013 (EQUEQU01CS)         0.00         150,000.00         2,150,000.00           WA         KB0181015         0.00         0.00         2,150,000.00         150,000.00           WA         KB0181020         0.00         0.00         5,772,000.00         873,000.00           WA         KB0301020 (EQUI)         0.00         30,000,000         873,000.00         873,000.00           WA         KB0301052 (EQUI)         0.00         591,000.00         1,846,000.00         130,000.00         1,866,000.00           WA         KB0401052         0.00         501,000.00         1,806,000.00         100         1,866,000.00         100					
WA         KB0102011 (AIP)         0.00         1200,000.00         10,483,000.00           WA         KB0102012 (EQU)         (3,870,000.00)         21,350,000.00         8,724,000.00           WA         KB0102012 (EQUEQU01CG)         (0.00         5,000,000.00         43,106,498.00           WA         KB0102013 (EQUEQU01CG)         (0.00         2,150,000.00         2,003,900.00           WA         KB0102013 (EQU)         (0.00         2,160,000.00         2,150,000.00           WA         KB0102013 (EQU)         (0.00         150,000.00         150,000.00           WA         KB0181015         (0.00         150,000.00         150,000.00           WA         KB031020         (1,286,000.00         3,000,000.00         130,000.00           WA         KB0301020         (1,286,000.00         3,000,000.00         13,144,000.00           WA         KB0301052         (0.00         591,000.00         1,144,000.00           WA         KB0401052         (0.00         130,000.00         260,000.00           WA         KB0401052         (0.00         130,000.00         260,000.00           WA         KB0401052         (0.00         0.00         0.00         30,000.00           WA <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
WA         KB0102012 (GPP)         0.00         800,000.00         8,724,000.00           WA         KB0102012 (EQU)         700,000.00         5,000,000.00         134,291,059.00           WA         KB0102012 (EQU)         700,000.00         5,000,000.00         43,106,498.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB012013 (EQU)         0.00         150,000.00         150,000.00           WA         KB018105         0.00         0.00         0.00         873,000.00           WA         KB0181020         0.00         0.00         873,000.00           WA         KB0301020 (EQU)         0.00         0.00         820,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         0.00         1,339,000.00           WA         KB0301052 (EQU)         0.00         0.00         1,339,000.00           WA         KB0301052 (EQU)         0.00         0.00         1,339,000.00           WA         XB0401052 (EQU)         0.00				· · ·	
WA         KB0102012 (EQU)         (3,870,000.00)         21,350,000.00         134,291,059.00           WA         KB0102012 (EQUEQUO1CG)         700,000.00         0.00         2,033,900.00           WA         KB0102013 (EQU)         0.00         2,160,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         2,150,000.00           WA         KB0181015         0.00         0.00         5,772,000.00           WA         KB031020         0.00         0.00         5772,000.00           WA         KB0301020 (EQU)         0.00         0.00         220,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,144,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301062 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052 (EQU)         0.00         0.00         133,900.00           WA         39KB00000 (RFR03S)         0.00         0.00         362,700.00           WA         39KB00000 (RFR03SC1003)         0.00					· · · · · · · · · · · · · · · · · · ·
WA         KB0102012 (EQU)         700,000.00         5,000,000.00         43,106,498.00           WA         KB0102013 (EQU)         0.00         2,150,000.00         2,150,000.00           WA         KB0102013 (EQU)         0.00         150,000.00         150,000.00           WA         KB0181016         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         0.00         673,000.00           WA         KB0301020 (EQU)         0.00         0.00         3,000,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0401052         0.00         0.00         1,339,000.00           382100000         392100000         0.00         0.00         0.00         967,442.00           WA         39K800000 (87R203)         0.00         0.00         312,399,618.00           WA         39K800000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHEB000000A01)         0.00				· · · · · · · · · · · · · · · · · · ·	
WA         KB0102012 (EQUEQUO1CG)         0.00         2,003,900,00           WA         KB0102013 (EQU)         0.00         2,150,000.00         150,000.00           WA         KB0181015         0.00         150,000.00         150,000.00           WA         KB0181020         0.00         0.00         0.00         873,000.00           WA         KB0301020 (EQU)         0.00         591,000.00         13,086,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         120,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         0.00         133,900.00           WA         39870000         0.00         0.00         0.00         653,176.00           WA         39K5001000 (PRN03SC01003)         0.00         0.00         312,939,618.00           WA         39K5001000 (PRN03SC01003)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         9,955,000.00           YA         39WB00000			• • • • • • • • • • • • • • • • • • • •		• •
WA         KB0102013 (EQU)         0.00         2,150,000.00         0.00         150,000.00         150,000.00           WA         KB0181015         0.00         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         0.00         0.00         873,000.00           WA         KB0301022 (EQU)         0.00         0.00         3,000,000.00         13,066,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         0.00         1,339,000.00           392100000         0.00         0.00         0.00         653,176.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         545,000.00           YA         39WB00000 (HEB00000A001)         0.00         0.00         988,085.00           YA         39WB000000 (HES00000A003)         0.00         0.00         29,0		· · ·		· ·	
WA         KB0102013 (EQU)         0.00         150,000.00         5,772,000.00           WA         KB0181020         0.00         0.00         5,772,000.00           WA         KB0301020         1,286,000.00         3,000,000.00         13,066,702.00           WA         KB0301020 (EQU)         0.00         591,000.00         1,366,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         260,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'VA         KB0401052         0.00         0.00         0.00         1,339,000.00           'VA         KB0401052         0.00         0.00         0.00         967,442.00           WA         39210000         0.00         0.00         0.00         967,442.00           WA         39K600000 (PRNMEL001033)         0.00         0.00         312,899,618.00           WA         39K600000 (PRNMEL001033)         0.00         0.00         995,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         995,000.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         29,800.00           YA         39WB					
WA         KB0181015         0.00         0.00         5,772,000.00           WA         KB0181020         0.00         0.00         873,000.00           WA         KB0301020 (EQU)         1,286,000.00         3,000,000.00         13,066,702,00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         0.00         1,339,000.00           WA         39L00000         0.00         0.00         0.00         653,176.00           WA         39KB01000 (PRR0SSC01003)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         988,895.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         4,308,737.86           3T					
WA         KB0181020         0.00         1,286,000.00         3,000,000.00         13,066,702.00           WA         KB0301020 (EQUI)         0.00         0.00         820,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         0.00         339,000.00           WA         39KD00000 (B7R203)         0.00         0.00         0.00         312,939,618.00           WA         39KG01000 (PRN03SC01003)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         545,000.00           WA         39WB00000 (IHE500000A001)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         80,100.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         430,873.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         4,708,737.86 <t< td=""><td></td><td></td><td></td><td></td><td>,</td></t<>					,
WA         KB0301020 (EQU)         1,286,000.00         3,000,000.00         13,066,702.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         260,000.00           'A         KB0401052         0.00         0.00         653,176.00           J         392100000         0.00         0.00         0.00         653,176.00           WA         39KB00000 (B7R203)         0.00         0.00         0.00         967,442.00           WA         39KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         545,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA20W003)         0.00         0.00         1,708,737.86           3T					
WA         KB0301020 (EQU)         0.00         591,000.00         820,000.00           WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           '/A         KB0401052         0.00         0.00         0.00         130,000.00           '/A         KB0401052         0.00         0.00         0.00         1,339,000.00           39210000         0.00         0.00         0.00         967,442.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KB001000 (PRNMEL001033)         0.00         0.00         545,000.00           WA         39KB00000 (IHE500000A001)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403199 (AGRSURA02W003)         0.00         0.00         4,308,737.86           3T         400403199 (AGRSURA02W003)         0.00         1,708,737.86           3T         400403209 (AGRSURA02W004)         0.00         1,708,737.86           3T         400403309 (AGRN00014-01-F-01714)         <					
WA         KB0301052 (EQU)         0.00         591,000.00         1,184,000.00           WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         0.00         1,339,000.00           39210000         0.00         0.00         0.00         967,442.00           WA         39KB00000 (B7R203)         0.00         0.00         312,939,618.00           WA         39KB001000 (PRN03SC01003)         0.00         0.00         9,955,000.00           WA         39KB00000 (IHE500000A001)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         988,085.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T				•	
WA         KB0301052 (EQU)         0.00         130,000.00         260,000.00           'A         KB0401052         0.00         0.00         0.00         1,339,000.00            392100000         0.00         0.00         0.00         967,442.00           WA         39KB00000 (87R203)         0.00         0.00         0.00         312,939,618.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE50000A001)         0.00         0.00         988,085.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         430,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA05W004)         0.00         1,159,223.30           3T         400403209 (AGRSURA05W007)         0.00         1,169,223.30           3T         400403309 (AGRN00014-01-F-0171)         0.00         0.00         4,41,792.23           3T         4004033		, ·			
'/A         KB0401052         0.00         0.00         1,339,000.00           392100000         0.00         0.00         0.00         653,176.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9.955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (AGRSURA02W003)         0.00         0.00         4,308,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA05W007)         0.00         186,901.94         186,901.94           3T         400403209 (AGRN00014-01-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84				•	
392100000 0.00 0.00 0.00 967,442.00 WA 39KB00000 (87R203) 0.00 0.00 312,939,618.00 WA 39KG01000 (PRN03SC01003) 0.00 0.00 545,000.00 WA 39KG01000 (PRNMEL001033) 0.00 0.00 9,955,000.00 YA 39WB00000 (IHE500000A001) 0.00 0.00 988,085.00 YA 39WB00000 (IHE500000A002) 0.00 0.00 988,085.00 YA 39WB00000 (IHE500000A002) 0.00 0.00 80,100.00 3T 400403109 (2001-W004/2002W003) 0.00 0.00 0.00 4,308,737.86 3T 400403109 (AGRSURA05W004) 0.00 1,159,223.30 1,159,223.30 3T 400403209 (AGRSURA05W004) 0.00 1,159,223.30 1,159,223.30 3T 400403309 (AGRN00014-01-F-0171) 0.00 186,901.94 186,901.94 3T 400403309 (AGRN00014-01-F-0171A) 0.00 0.00 4,441,792.23 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 24,271.84 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 24,271.84 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 22,129,060.57 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 24,271.84 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 24,271.83 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 24,271.83 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 256,485.44 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 550,485.44 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 22,76,980.34 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 22,76,990.29 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 22,766,990.29 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 526,213.59 3T 400403309 (AGRN00014-01-F-0171B) 0.00 0.00 0.00 22,766,990.29 3T 400403309 (AGRN00014-03-F-0171B) 0.00 0.00 0.00 22,766,990.29 3T 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171B) 0.00 0.00 0.00 970,873.79		, ,		•	•
√         39DP08170         0.00         0.00         967,442.00           WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9.955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         1,708,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN00014-01-F-0171A)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00					
WA         39KB00000 (87R203)         0.00         0.00         312,939,618.00           WA         39KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KB01000 (PRNMEL001033)         0.00         0.00         9.955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         988,085.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4308,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA05W004)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN00014-01-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-01-F-01716)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-01716)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F01716)         0.00         0.00         2,129,060.57	٠. ي/				
WA         39KG01000 (PRN03SC01003)         0.00         0.00         545,000.00           WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA205W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0014-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-F-0171A)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171H)         0.00         0.00         2,129,060.57					•
WA         39KG01000 (PRNMEL001033)         0.00         0.00         9,955,000.00           YA         39WB00000 (IHE500000A001)         0.00         0.00         988,085.00           YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403209 (AGRSURA02W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA205W007)         0.00         1,159,223.30         1,159,223.30           3T         400403309 (AGRN0001401-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN0001401-F-0171A)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-D-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-D-F-0171C)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-O1-F0171B)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-O1-F0171B)         0.00         0.00         2,729,060.		,			
YA         39WB00000 (IHE50000A001)         0.00         0.00         988,085.00           YA         39WB00000 (IHE50000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         1,708,737.86           3T         400403109 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0001401-F-0171A)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN00014-D1-F-0171B)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00         2129,060.57           3T         400403309 (AGRN00014-01-F0171F)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171F)         0.00         0.00         4,270,388.34           3T         400403309 (AGRN00014-01-F0171TI)         0.00         0.00		,			
YA         39WB00000 (IHE500000A002)         0.00         0.00         29,800.00           YA         39WB00000 (IHE50000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA05W004)         0.00         1,159,223.30         1,758,737.86           3T         400403209 (AGRSURA205W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0001401-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN0001401-F-0171A)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171C)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171B)         0.00         0.00		•			
YA         39WB00000 (IHE500000A003)         0.00         0.00         80,100.00           3T         400403109 (2001-W004/2002W003)         0.00         0.00         4,308,737.86           3T         400403109 (AGRSURA02W003)         0.00         0.00         1,708,737.86           3T         400403209 (AGRSURA05W004)         0.00         1,159,223.30         1,159,223.30           3T         400403209 (AGRSURA2005W007)         0.00         186,901.94         186,901.94           3T         400403309 (AGRN0001401-F-0171)         0.00         0.00         4,441,792.23           3T         400403309 (AGRN0001401-F-0171A)         0.00         0.00         390,141.00           3T         400403309 (AGRN00014-01-F-0171B)         0.00         0.00         24,271.84           3T         400403309 (AGRN00014-01-F-0171C)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171E)         0.00         0.00         2,129,060.57           3T         400403309 (AGRN00014-01-F0171H)         0.00         0.00         4,270,388.34           3T         400403309 (AGRN00014-01-F0171H)         0.00         0.00         550,485.44           3T         400403309 (AGRN00014-03-F-0171K)         0.00         0.00 <td></td> <td>,</td> <td></td> <td></td> <td>•</td>		,			•
3T       400403109 (2001-W004/2002W003)       0.00       0.00       4,308,737.86         3T       400403109 (AGRSURA02W003)       0.00       0.00       1,708,737.86         3T       400403209 (AGRSURA05W004)       0.00       1,159,223.30       1,159,223.30         3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN00014-01-F-0171A)       0.00       0.00       4,441,792.23         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F-0171E)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171		· · · · · · · · · · · · · · · · · · ·			•
3T       400403109 (AGRSURA02W003)       0.00       0.00       1,708,737.86         3T       400403209 (AGRSURA05W004)       0.00       1,159,223.30       1,159,223.30         3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN0001401-F-0171)       0.00       0.00       4,441,792.23         3T       400403309 (AGPN0001401-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171L)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171H) <td></td> <td>·</td> <td></td> <td></td> <td>-</td>		·			-
3T       400403209 (AGRSURA05W004)       0.00       1,159,223.30       1,159,223.30         3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN0001401-F-0171)       0.00       0.00       4,441,792.23         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171H)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171H)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-01					
3T       400403209 (AGRSURA2005W007)       0.00       186,901.94       186,901.94         3T       400403309 (AGRN0001401-F-0171A)       0.00       0.00       4,441,792.23         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171E)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)					
3T       400403309 (AGRN0001401-F-0171)       0.00       0.00       4,441,792.23         3T       400403309 (AGPN0001401-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171R)       0.00       0.0		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	The state of the s
3T       400403309 (AGPN0001401-F-0171A)       0.00       0.00       390,141.00         3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171B)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.				•	
3T       400403309 (AGRN00014-01-F-0171B)       0.00       0.00       24,271.84         3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89					
3T       400403309 (AGRN00014-01-F-0171C)       0.00       0.00       2,129,060.57         3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89		· · · · · · · · · · · · · · · · · · ·			
3T       400403309 (AGRN00014-01-F0171E)       0.00       0.00       550,485.44         3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       485,436.89		· · · · · · · · · · · · · · · · · · ·			•
3T       400403309 (AGRN00014-01-F0171G)       0.00       0.00       4,270,388.34         3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGRN00014-01-F0171H)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89					
3T       400403309 (AGNR00014-01-F0171H)       0.00       0.00       526,213.59         3T       400403309 (AGNR00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89		400403309 (AGRN00014-01-F0171G)			
3T       400403309 (AGNR00014-01-F0171I)       0.00       0.00       617,961.17         3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89		·			
3T       400403309 (AGRN00014-03-F-0171J)       0.00       0.00       269,417.47         3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89					
3T       400403309 (AGRN00014-03-F-0171K)       0.00       0.00       170,679.61         3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89					·
3T       400403309 (AGRN00014-01-F-0171L)       0.00       0.00       3,883,495.15         3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89		· · · · · · · · · · · · · · · · · · ·			
3T       400403309 (AGRN00014-04-F-0171M)       0.00       0.00       2,766,990.29         T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89	4	· · · · · · · · · · · · · · · · · · ·			
T       400403309 (AGRN00014-04-F-0171N)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171P)       0.00       0.00       970,873.79         400403309 (AGRN00014-04-F-0171Q)       0.00       0.00       169,708.74         3T       400403309 (AGRN00014-04-F-0171R)       0.00       0.00       485,436.89		•			· · · · · · · · · · · · · · · · · · ·
400403309 (AGRN00014-04-F-0171P) 0.00 0.00 970,873.79 400403309 (AGRN00014-04-F-0171Q) 0.00 0.00 169,708.74 3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89					
. 400403309 (AGRN00014-04-F-0171Q) 0.00 0.00 169,708.74 3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89		•			
3T 400403309 (AGRN00014-04-F-0171R) 0.00 0.00 485,436.89	· ,	· · · · · · · · · · · · · · · · · · ·			•
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d Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (AGSDNA03W002) 400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OF AGR000090) 400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OF AGR27199MPHS058)	0.00	0.00	11,959.00
3T	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	•
3T	400403309 FEL AGR SURA 03W007	0.00		12,621.00
3T	400403309(SURA2004W003)		0.00	5,943,689.32
	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS	0.00	9,699.00	9,699.00
2Y	Pgm No.(WFO No.) 1720572(0490137)	0.00	9,099.00	9,099.00 86,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	6,500.00
	600301020 (AGRSURA2004W004)			· ·
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
Υ .	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
]	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
4 I	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600305000 (AGRSURA2005W005)	0.00	58,806.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
, 1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	.0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	84,000.00	84,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
ŢC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
٧A	AT5015033	0.00	0.00	5,000.00
ı	CS502000	0.00	(84.00)	44,244.00
<i>'</i> ف	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0,00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00

1000	,				1 450 1 01 5
	d Type	B&R Code	Change	FY05	To Date
,	΄A	EB550000	0.00	0.00	
	Ά	EB5501000	0.00	0.00	0.00
	Ά	EB5502000	0.00	(184.00)	338,879.00
	łΑ	EL1703000 (OPFWP #EL17039)	0.00	(146.00)	104,391.00
	iA	EL1703010	0.00	0.00	25,000.00
	E	EW09MM090	0.00	0.00	0.00
	VA	FS1001000	0.00	0.00	50,000.00
	VA	FS1001100	0.00	509,000.00	2,234,374.00
	VA	FS1001500	0.00	0.00	0.00
	VA	FS1002000	0.00	0.00	0.00
	<b>V</b> A	FS1002000 (GPP)	0.00	140,000.00	595,626.00
	VA	FS1002300	0.00	300,000.00	300,000.00
	VA VA	FS1002400	0.00	0.00	0.00
	VA VA	FS1005000	0.00	0.00	0.00
	VA VA	FS1005000 FS1005100	0.00	453,000.00	1,376,000.00
	VA VA		0.00	0.00	0.00
	VA VA	FS1005500	0.00	0.00	0.00
	VA VA	FS1009000	0.00	72,000.00	315,000.00
	vA <b>√</b>	FS1009300	0.00	0.00	0.00
		FS1001000	0.00	0.00	145,773.00
	$\sim$	FS1001100	0.00	0.00	0.00
	$\sim$	FS1001500	0.00	0.00	0.00
	$\sim$	FS1002000	0.00	0.00	81,000.00
	<b>V</b>	FS1002400	0.00	0.00	0.00
		FS1009000	0.00	0.00	9,000.00
	rV 10	FS1009300	0.00	0.00	0.00
	/A	KA1401030	0.00	0.00	644,310.00
	/A	KA1501020	0.00	25,000.00	25,000.00
	/A	KA1502030	0.00	0.00	35,000.00
		KA1502030 (EQU)	0.00	0.00	90,000.00
		KC0204018	0.00	0.00	11,943.00
		KC0301030	0.00	0.00	182,982.00
		KG0801000	0.00	0.00	337,800.00
		KJ0101030	0.00	0.00	155,000.00
		KJ0102000	0.00	50,000.00	1,554,346.00
	<b>/</b> A	KJ0102000 (EQU)	0.00	0.00	44,745.00
		KJ0200000	0.00	0.00	534,909.00
4		KL0101000	0.00	0.00	122,618.00
, W		KL0101000 (SULI)	0.00	99,000.00	821,350.00
V	Ά	KL0103000 (PST)	0.00	0.00	40,000.00
W	Ά	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
T	-	KP1104010	0.00	0.00	13,000.00
W	<b>'</b> A	KP1401030	0.00	560,000.00	2,918,000.00
V	Ά	KP1401030 (EQU)	0.00	100,000.00	965,000.00
W	Ά	KP1402010 `	0.00	0.00	175,600.00
W	Ά	KP1402010 (EQU)	0.00	0.00	439,400.00
V		KS0101000	0.00	0.00	4,000.00
W		KS0101000 (EQU)	0.00	0.00	6,861.00
		KT0101014	0.00	0.00	380,000.00
		KT0101017	0.00	0.00	412,000.00
٠.,		KT0101019	0.00	0.00	5,000.00
W		KT0101025	0.00	0.00	9,702.00
W		KT0201013	0.00	0.00	9,702.00 87,300.00
	• •		0.00	0.00	07,300.00

<u>ıd Type</u>	B&R Code	Ch	ange	FY05	To Date
TF	KV0101012		0.00	0.00	280,000.00
TF	KV0101014		0.00	0.00	612,000.00
WA	KX0310211		0.00	0.00	5,000.00
YA	WB0100000		0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)		0.00	(17,005.00)	107,995.00
SA	WN0219080		0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)		0.00	17,005.00	17,005.00
SA	YN1901000 '		0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)		0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPÁC)		0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	*	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)		0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	•	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)		0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	•	0.00	114,000.00	114,000.00
	TOTAL	\$		\$98,635,560.46	\$1,503,826,103.16

AMENDMENT OF SOLICITATION	MODIFICATION	OF CONTRACT	NTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHA	ASE REQ. NO. 5. PROJEC	T NO. (If applicble)
A320	See Blk 16C			
6. ISSUED BY CODE		7. ADMINISTERED BY (If	other than Item 6) CODE	
U.S. Department of Energy				
TJNAF Site Office				•
12000 Jefferson Avenue				
Newport News, VA 23606				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	unty, State and ZIP Code)		(X) 9A. AMENDMENT OF SOLIC	CIATION NO.
Southeastern Universities Research Association, Inc				
1201 New York Avenue, NW	,	'	OR BATTER INTERIOR	
Suite 430			9B. DATED (SEE ITEM 11)	
Washington, D.C. 20005	. •		10A, MODIFICATION OF CO	NTRACT/ORDER NO.
			DE-AC05-84ER40150	,
			X 10B. DATED (SEE ITEM 11)	
			^	
	CILITY CODE		August 3, 1984	
11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
or (c) By separate letter or telegram which includes a refere PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR your desire to change an offer already submitted, such char amendment, and is received prior to the opening hour and d	TO THE HOUR AND DATE SF ige may be made by telegram	PECIFIED MAY RESULT IN F	REJECTION OF YOUR OFFER. If by	virtue of this amendment
12. ACCOUNTING AND APPROPIRATION DATA (If required	f)			
Increase of \$421,960.78				
13. THIS ITEM C IT MODIFIES	ONLY APPLIES TO MO THE CONTRACT/ORD	DIFICATION OF CO DER NO. AS DESCRI	NTRACTS/ORDERS. BED IN ITEM 14.	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.	SUANT TO: (Specify authority	) THE CHANGES SET FORT	H IN ITEM 14 ARE MADE IN THE C	ONTRACT ORDER
B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH II	N ITEM 14, PURSUANT TO T	HE AUTHORITY OF FAR 43		lying office,
C. THIS SUPPLEMENTAL AGREEMENT IS		TO AUTHORITY OF:		
D. OTHER (Specify type of modification a	• •			
X Increase in obligation of funds in acco	rdance with Clause I.79 "C	obligation of Funds."		
E. IMPORTANT: Contractor X is not,	is required to sign th	is document and reti	urn copies to t	the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Orga		s, Including solicitation/cont	tract subject matter where feasible.)	!
•				
	•			
Except as provided herein, all terms and conditions of the d	ocument referenced in Item 0	A or 10A as heretofore ch	anged, remains unchanged and in fi	ill force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)	Soundik termenten in item e		F CONTRACTING OFFICER (Type o	
• • •		<b>\</b>		
•		James W. Skinner, Co	on@acting Officer	
15B. CONTRACTOR/OFFEROR	15C, DATE SIGNED	16B UNITED STATES OF	MERICA	16C. DATE SIGNE
	<u> </u>	1 January	Finally Office	8/23/09
(Signature of person authorized to sign)		ı / / (Signatu	irle of Contracting Officer)	1 / /

Contract No. DE-AC05-84ER40150 Modification No. A320 Page 2 of 5

1. The amount under this contract is increased \$421,960.78 from \$1,503,826,103.16 to \$1,504,248,063.94. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,724,000.00	186,918,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,715,000.00	547,253,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	21,350,000.00	134,291,059.00
WA	KB0102012 (EQU)	0.00	5,000,000.00	43,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	3,000,000.00	13,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176,00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
' YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I )	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (AGGOT(A	0.00	0.00	11,705,563.00
3T	400403309 (OF AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OF AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400407000 (AGRSURA2004W007) 400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400409900 (AGRSURA2001VV002) 400409900 (AGRSURA2005W003)	100,240.78	100,240.78	· ·
3Y	400412000 (AGRY10R133700)	0.00	0.00	100,240.78 42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	42, 129.00 956.00
2Y	600301010 (AGN-2001-W003) 600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (OF AGR98003103) 600301010 (AGRSURA2005W008)/ STARS	0.00	0.00	190,292.00
21	Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	6,500.00
2Y	· ·	0.00	0.00	
2Y	600302000 (OP AGR2000W001)			87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
21 2Y	600305000 (OP AGR2000W002)	0.00 0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)		0.00	8,148.00
21 2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	147,317.00	473,833.00	473,833.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2 Y	600305000 (AGRSURA2005W005)	0.00	58,806.00	58,806.00
1Y	600306000 (AGRSURA-2004W0000) 650102000 (AGR-2001-S002)	0.00	0.00	48,277.00
1Y	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	84,000.00	84,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00

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Fund Type	B&R Code	Change	FY05	To Date
тс	DP0817020	0.00	0.00	954,954.00
ΥA	EB550000	0.00	0.00	0.00
ΥA	EB5501000	0.00	(184.00)	338,879.00
ΥA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	(597.00)	(597.00)	24,403.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001000	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1001000	0.00	140,000.00	595,626.00
		0.00	300,000.00	300,000.00
WA	FS1002000 (GPP)	0.00	0.00	0.00
WA	FS1002300	0.00	0.00	0.00
WA	F\$1002400	0.00	453,000.00	1,376,000.00
WA	FS1005000	0.00	0.00	0.00
WA	FS1005100		0.00	0.00
WA	FS1005500	0.00		
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
W	FS1001000	0.00	0.00	145,773.00
W	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1401040	25,000.00	25,000.00	25,000.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
ŴA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	115,000.00	675,000.00	3,033,000.00
WA	KP1401030 (EQU)	35,000.00	135,000.00	1,000,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
		0.00	0.00	5,000.00
WA	KT0101019	0.00	0.00	5,000.00

DOE/TJNAF SITE OFC

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Fund Type	B&R Code	Change	FY05	To Date
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	(17,005.00)	107,995.00
SA	WN0219080	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPÁC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$421,960.78	\$99,057,521.24	\$1,504,248,063.94

	MENT OF SOLICITATION	MODIFICATION (	OF CONTRACT	1, CONTRACT ID CO	DDE	PAGE	of pages 1
2. AMENDMENT/I	MODIFICAITON NO. A321	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCH/	SE REQ. NO.	6. PROJECT	NO, (If ap	plicble)
6. ISSUED BY	CODE		7. ADMINISTERED BY III	other than Item 6)	CODE		
U.S. Departmer	nt of Energy	**************************************	7			<del></del>	-ta-mo-to-g-
TJNAF Site Offi			1				
12000 Jeffersor	n Avenue		Į.				
Newport News,							
	ODRESS OF CONTRACTOR (No., street, co	•		(X) 9A. AMENDMEN	NT OF SOLICIA	ATION NO.	
	Iniversities Research Association, Inc	).		1			
1201 New York	Avenue, NW		l	AD DATED (SEE	TENA 11)		
Suite 430				9B. DATED (SEE	:     E V		
Washington, D.	.C. 20005			10A. MODIFICA	TION OF CON	TRACTION	DED NO
·						IIMOI/OI	DEN NO.
				DE-AC05-84I			
4		1		X TOB. DATED (3)			
CODE	F	ACILITY CODE		August 3, 198	84		
		M ONLY APPLIES TO	AMENDMENTS OF				
							····
The above nu	umbered solicitation is amended as set for	h in Item 14. The hour and d	ate specified for receipt of (	Offers 🔲 is ex	tended,	is not ext	ended.
Offers must ackno	owledge receipt of this amendment prior to	the hour and date specified i	n the solicitation or as ame	ided, by one of the follo	wing methods	ı:	
a)By completing [	items 8 and 15, and returning	copies of the amendment; (b	) By acknowledging receipt	of this amendment on	each copy of th	he offer sul	omitted;
PLACE DESIGNAT your desire to cha	letter or telegram which includes a refere TED FOR THE RECEIPT OF OFFERS PRIOR ange an offer already submitted, such char is received prior to the opening hour and d	TO THE HOUR AND DATE SF ge may be made by telegram	PECIFIED MAY RESULT IN F	EJECTION OF YOUR O	FFER. If by vio	rtue of this	amendment
2. ACCOUNTING	G AND APPROPIRATION DATA (If required	()					
ncrease of \$57°	1 200 58						
10,0430 01 401	13. THIS ITEM C	ONLY APPLIES TO MC			₹S.		
CHECK ONE A	NO. IN ITEM 10A.	SUANT TO: (Specify authority	) THE CHANGES SET FORT	H IN ITEM 14 ARE MA	DE IN THE CO	NTRACT O	RDER
6	3. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH II				anges in payir	ng office,	
c	: THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	TO AUTHORITY OF:				
<del>a</del>	OTHER (Specify type of modification a	·		······································			····
X III	ncrease in obligation of funds in acco	rdance with Clause I.79 "C	Obligation of Funds."				
E. IMPORTA	NT: Contractor X is not,	is required to sign th				e issuing	office.
	N OF AMENDMENT/MODIFICATION (Orga		s, including solicitation/conf	ract subject matter who	ere teasible.)		
14. DESCRIPTION		SEE EULL OI	WING PAGES				
14. DESCRIPTION		SEE FOLLO	WING PAGES				
14. DESCRIPTION		SEE FOLLO	WING PAGES				
14. DESCRIPTION		SEE FOLLO	WING PAGES				
14. DESCRIPTIOI		SEE FOLLO	WING PAGES		÷		
14. DESCRIPTIO		SEE FOLLO	WING PAGES				
14. DESCRIPTIO		SEE FOLLO	WING PAGES				
14. DESCRIPTIO		SEE FOLLO	WING PAGES				
							-
Except as provide	ed herein, all terms and conditions of the d		A or 10A, as heretofore ch				ffect.
Except as provide	ed herein, all terms and conditions of the d DTITLE OF SIGNER (Type or print)						ffect.
Except as provide			A or 10A, as heretofore ch	CONTRACTING OFFIC			ffect.
Except as provide 15A. NAME AND	OTITLE OF SIGNER (Type or print)	ocument referenced in Item 9	A or 10A, as heretofore ch 116A. NAME AND TITLE O James W. Skinner, Co	CONTRACTING OFFICentracting Officer		rint)	
Except as provide	OTITLE OF SIGNER (Type or print)		A or 10A, as heretofore ch	CONTRACTING OFFICentracting Officer		rint)	ffect.

Contract No. DE-AC05-84ER40150 Modification No. A321 Page 2 of 5

1. The amount under this contract is increased \$571,200.58 from \$1,504,248,063.94 to \$1,504,819,264.52.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	5,000.00	5,729,000.00	186,923,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA .	KB0102011	0.00	46,715,000.00	547,253,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	21,350,000.00	134,291,059.00
WA	KB0102012 (EQU)	0.00	5,000,000.00	43,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
· WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	3,000,000.00	13,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0,00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23 390,141.00
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00 0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171E)	0.00 0.00	0.00	4,270,388.34
3T	400403309 (AGRN00014-01-F0171G) 400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T 3T	400403309 (AGNR00014-01-F01711)	0.00	0.00	617,961.17
3T	400403309 (AGNN00014-01-101711)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-1-01713) 400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-03-1-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171L)	0.00	0.00	2,766,990.29
	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171N) 400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T 3T	400403309 (AGRN00014-04-F-0171P) 400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T 3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
٦ i	40040000 (ACINIAOO 14-04-1-011 10)	0.00	3,00	

Contract No. DE-AC05-84ER40150 Modification No. A321 Page 3 of 5

•				1 age 3 01 3
Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171X)	242,718.45	242,718.45	242,718.45
3T	400403309 (AGRN00014-04-F-0171Y)	199,029.13	199,029.13	199,029.13
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400403009 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400409900 (AGRSURA2005W003)	0.00	100,240.78	100,240.78
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2 Y	600301010 (AGR-2001-77003) 600301010 (OP AGR98003105)	0.00	0.00	198,292.00
	,	0.00	0.00	190,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2003W003) -	0.00	0.00	6,500.00
21 2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
		0.00	0.00	39,467.00
2Y 2Y	600305000 (OP AGR2000W002)	0.00	0.00	8,148.00
	600305000 (OP AGR2000W003)	0.00	0.00	467,960.00
2Y	600305000 (OP AGR99W001)	49,896.00	119,896.00	195,254.00
2Y	600305000 (AGR2004W002/W)	42,057.00	515,890.00	515,890.00
2Y	600305000 (AGRSURA2005W001)	0.00	3,768.00	3,768.00
2Y	600305000 (AGRSURA2005W002)	0.00	58,806.00	58,806.00
2Y	600305000 (AGRSURA2005W005)	0.00	0.00	48,277.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	6,796.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-001)		0.00	203,651.00
1Y	650102000 (AGR94-002)	0.00 0.00	0.00	27,180.00
1Y	650102000 (AGR980003)		0.00	72.00
1Y	650102000 (AGRS003)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S002)	0.00		•
1Y	650102000 (AGRSURA2002S003)	0.00	0.00 0.00	199,042.00 29,544.00
1Y	650102000 (AGRSURA2003S002)	0.00		89,986.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	30,000.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	93,000.00
1Y	650102000 (AGRSURA2005S001)	9,000.00	93,000.00	30,000.00
1Y	650102000 (AGRSURA2005S004)	30,000.00	30,000.00	5,915.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00 500 853 00
TC	820101000 (OP)	0.00	0.00	599,853.00 56,624.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00 5 933 571 00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00 59,638,287.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00 0.00	5,000.00
WA	AT5015033	0.00	0.00	5,000.00

Contract No. DE-AC05-84ER40150 Modification No. A321 Page 4 of 5

	•		1 450 1 01 5	
Fund Type	B&R Code	Change	FY05	To Date
TF	C\$502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YΑ	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	(597.00)	24,403.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	(6,500.00)	446,500.00	1,369,500.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
W	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1401040	0.00	25,000.00	25,000.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	, 0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000 (EQU)	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
		0.00	99,000.00	821,350.00
WA	KL0101000 (SULI)			·
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	675,000.00	3,033,000.00
WA	KP1401030 (EQU)	0.00	135,000.00	1,000,000.00
WA	KP1402010	0.00	. 0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00

Contract No. DE-AC05-84ER40150 Modification No. A321 Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	(17,005.00)	107,995.00
SA	WN0219080 `	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$571,200.58	\$99,628,721.82	\$1,504,819,264.52

10/26/2005 10:49 FAX 757 269 7146 09/30/2005 13:22 FAX 2024088250 09/30/2005 11:56 FAX 757 269 7146

DOE/TJNAF SITE OFC SURA DOE/TJNAF SITE OFC

→ P&CD/ACQUISITION

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→ SURA

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AMENDMENT OF SOLICITATION	N/MODIEIC ATION (	OF CONTRACT	1. CONTRACT ID CO	DE PAGE OF PAGES
				11.
AMENDMENT/MODIFICATION NO.	3, EFFECTIVE DATE	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT NO. (If application)
M322 LISSUED BY CODE	See Block 16C	7. ADMINISTERED BY (If	other than Item 6)	CODE
,		-		
J.S. Department of Energy				
JNAF Site Office	•	İ		•
2000 Jefferson Avenue				
ewport News, VA 23606				
NAME AND ADDRESS OF CONTRACTOR (No., street,			(X) 9A. AMENDMEN	T OF SOLICIATION NO.
outheastern Universities Research Association, it	nc.	,		
201 New York Avenue, NW			9B. DATED (SEE	ITEM 11)
ulte 430				
/ashington, D.C. 20005		·	10A. MODIFICA	TION OF CONTRACT/ORDER NO.
	٠ ,		DE-AC05-84E	R40150
	·		X 10B. DATED (SE	E ITEM 11)
	•		^	
	FACILITY CODE		August 3, 198	4
11. THIS IT	EM ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
The above numbered solicitation is amended as set to	orth in Itom 14. The hour and o	late epacified for receipt of (	Offers I le ext	ended, le not extended.
ffers must acknowledge receipt of this amendment prior				wing methods:
By completing items 8 and 15, and returning				ach copy of the offer submitted;
(-) the annual father or telegraph within ballides a value	rence to the solicitation and am	endmant numbers, FAILURI	OF YOUR ACKNOWLE	DOMENT TO BE RECEIVED AT THE
ACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIO bur desire to change an offer stready submitted, such ch	DE TO THE HOUR AND DATE S	PHIRDIMAY MESON I IN 6	EINCHAIN OF TOOK OF	Lett if by Authoriting and individuality
nendment, and is received prior to the opening hour and	date specified.	•		
. ACCOUNTING AND APPROPIRATION DATA (If require	rod)			
	red)			
N/A 13. THIS ITEM	ONLY APPLIES TO MO	DIFICATION OF CO	NTRACTS/ORDER	IS.
N/A 13. THIS ITEM IT MODIFIES	ONLY APPLIES TO MOS THE CONTRACT/ORD	DER NO. AS DESCRI	BED IN ITEM 14.	
N/A  13. THIS ITEM IT MODIFIES  CHECK ONE [A. THIS CHANGE ORDER IS ISSUED PU	ONLY APPLIES TO MOS THE CONTRACT/ORD	DER NO. AS DESCRI	BED IN ITEM 14.	
N/A 13, THIS ITEM IT MODIFIES	ONLY APPLIES TO MOS THE CONTRACT/ORD	DER NO. AS DESCRI	BED IN ITEM 14.	
N/A  13. THIS ITEM IT MODIFIES CHECK ONE A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	ONLY APPLIES TO MO S THE CONTRACT/ORD INSUANT TO: (Specify authority	DER NO. AS DESCRI	BED IN ITEM 14.	DE IN THE CONTRACT ORDER
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Contract No. DE-AC05-84ER40150 Modification No. M322 Page 2 of 3

- 1. The purpose of this modification is to extend the period of performance to December 31, 2005.
- 2. Clause F.1 entitled "PERIOD OF PERFORMANCE," is revised as follows:

"In accordance with this Contract Modification, the performance of the work described in Part I, Section C – Description/Specifications/Work Statement shall continue up to and including December 31, 2005. This modification is an extension of Contract DE-AC05-84ER40150, dated August 3, 1983, and currently in effect through December 31, 2005."

- 3. Paragraph (3) of Clause H.29 entitled "SURA CENTRAL OFFICE EXPENSES," is revised as follows:
  - "(3) A schedule of the Central Office Expenses is as follows:

FISCAL YEAR	ESTIMATED COE	ACTUAL COE
11/01/1999-9/30/2000	\$1,515,834	\$1,415,979
10/01/2000-9/30/2001	\$1,653,637	\$1,728,427
10/01/2001-9/30/2002	\$1,745,000	\$1,686,982
FISCAL YEAR	ESTIMATED COE CAP	ACTUAL COE CAP
10/01/2002-9/30/2003	\$1,083,333	\$1,067,703
10/01/2003-9/30/2004	\$1,333,642	\$1,458,165*
10/01/2004-9/30/2005	\$1,476,190**&***	TBD
10/01/2005-12/31/05	\$369,048****	TBD

\*The actual COE Cap payable to SURA is \$423,014 which is net of credits to DOE and adjustments between estimated and actual FY03 COE Cap as annotated in paragraph I.a.(4) of contract modification M280 and the difference between the estimated and actual FY04 COE Cap.

\*\*The Estimated FY05 COE Cap was decreased by \$90,000 from the amount of \$1,566,190 annotated in contract modification M315 as a result of SURA's lower estimate of total residual FY05 COE provided in their revised Proposal for Pre-Determined COE FY05 dated September

\*\*\*The Estimated FY05 COE Cap payable to SURA is \$1,600,713 which represents the FY05 Estimated COE Cap of \$1,476,190 plus an increase of \$124,523 as a result of the difference between the FY04 Actual COE Cap of \$1,458,165 and the FY04 Estimated COE Cap of \$1,333,642

\*\*\*\*The Estimated FY06 COE Cap payable to SURA is \$0 because the entire Estimated COE Cap of \$369,048 will be used as credit in favor of DOE as partial payment of the \$450,000

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Contract No. DE-AC05-84ER40150 Modification No. M322 Page 3 of 3

"reserve funds" addressed in paragraph (b) of Clause 1.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee.

- 4. The first section of paragraph (b) of Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)" is revised as follows:
  - "(b) Fixed-Fee. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:
    - (1) From November 1, 1999 through September 30, 2000 \$341,917
    - (2) From October 1, 2000 through September 30, 2001 \$373,000
    - (3) From October 1, 2001 through September 30, 2002 \$373,000
    - (4) From October 1, 2002 through September 30, 2003 \$390,000
    - (5) From October 1, 2003 through September 30, 2004 \$535,000
    - (6) From October 1, 2004 through September 30, 2005 \$535,000
    - (7) From October 1, 2005 through December 31, 2005 \$133,749\*

The parties agree that the FY04 and FY05 fixed fee of \$535,000 will remain the same on a pro rata basis for the FY06 three month extension period of the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

5. All other terms and conditions remain unchanged and in full force and effect.

<sup>\*</sup> The net Fixed Fee payable to SURA will be \$52,797 as \$80,952 of the fee will be applied as a credit to DOE as payment on the remaining balance of the "reserve funds" referenced in paragraph 3 of this modification and as addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee.

AMENDMENT OF SOLICITATION	/MODIFICATION (	OF CONTRACT	1. CONTRACT ID CO	
2. AMENDMENT/MODIFICAITON NO. A323	3, EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHA	SE REQ. NO.	5. PROJECT NO. (If applicble)
6. ISSUED BY CODE	·	7. ADMINISTERED BY (If	other than (tem 6)	CODE
U.S. Department of Energy	<u> </u>	7		
,				•
TJNAF Site Office				
12000 Jefferson Avenue				
Newport News, VA 23606		<u> </u>		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	•		(X) 9A. AMENDMEN	TOF SOLICIATION NO.
Southeastern Universities Research Association, Inc.	<b>).</b>			
1201 New York Avenue, NW				
Suite 430			9B. DATED (SEE	(TEM 11)
Washington, D.C. 20005				
•				TON OF CONTRACT/ORDER NO.
	4		DE-AC05-84E	
			X TOB. DATED (SE	= ((EW/ 11)
CODE	Oll TV CODE			
	ACILITY CODE  M ONLY APPLIES TO	AMENDMENTS OF	August 3, 1984	1
II. INISTIC	IN ONLY APPLIES TO	AMENDIVIENTS OF S	BOLICHATIONS	
The above numbered solicitation is amended as set fort Offers must acknowledge receipt of this amendment prior to		·		ended, is not extended. ving methods:
(a)By completing items 8 and 15, and returning	_copies of the amendment; (b	) By acknowledging receipt	of this amendment on ea	ach copy of the offer submitted;
or (c) By separate letter or telegram which includes a referer PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR your desire to change an offer already submitted, such chan amendment, and is received prior to the opening hour and d	TO THE HOUR AND DATE SInge may be made by telegram	PECIFIED MAY RESULT IN R	EJECTION OF YOUR OF	FER. If by virtue of this amendment
12. ACCOUNTING AND APPROPIRATION DATA (If required	<u> </u>			
Increase of \$12,111,155.34				•
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. C. THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	TO AUTHORITY OF:		
D. OTHER (Specify type of modification at X Increase in obligation of funds in accordance)		Obligation of Funds."		
E. IMPORTANT: Contractor X is not,			ırn — co	pies to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organ		s, including solicitation/contr WING PAGES	act subject matter wher	e feasible.)
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Except as provided herein, all terms and conditions of the d	ocument referenced in item 9	A or 10A, as heretofore cha		
TOA. NAME AND THE OF SIGNER (Type of plint)				
15B. CONTRACTOR/OFFEROR	15C, DATE SIGNED	Janges A. Turi, Adminis		116C. DATE SIGNED
	755, DATE ORDINED	Same !	Ajun	1116
(Signature of person authorized to sign)		(Signatur	e of Contracting Officer)	1.12/00

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STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

1. The amount under this contract is increased \$12,111,155.34 from \$1,504,819,264.52 to \$1,516,930,419.86. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Fund Type	B&R Code	Change	FY06	To Date
WA	KB0101021	1,000,000.00	1,000,000.00	187,923,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	5,500,000.00	5,500,000.00	552,753,777.00
WA	KB0102011 (AIP)	300,000.00	300,000.00	10,763,000.00
WA	KB0102011 (GPP)	0.00	0.00	8,724,000.00
WA	KB0102012	3,000,000.00	3,000,000.00	137,291,059.00
WA	KB0102012 (EQU)	400,000.00	400,000.00	43,506,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	150,000.00	150,000.00	2,300,000.00
WA	KB0102013 (EQU)	0.00	0.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	450,000.00	450,000.00	13,516,702.00
WA	KB0301020 (EQU)	50,000.00	50,000.00	870,000.00
WA	KB0301052	0.00	0.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	0.00	260,000.00
WA	KB0401052 `	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
ΥA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
Ϋ́A	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	0.00	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	0.00	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
- 3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T 3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T 3T	400403309 (AGRN00014-04-F-01718)	0.00	0.00	266,601.94
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Fund Type	B&R Code	Change	FY06	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	0.00	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	0.00	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	0.00	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171X)	0.00	0.00	242,718.45
3T	400403309 (AGRN00014-04-F-0171Y)	0.00	0.00	199,029.13
3T	400403309 (AGRN00014-04-F-0171AA)	728,155.34	728,155.34	728,155.34
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T ·	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	0.00	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400409900 (AGRSURA2005W003)	0.00	0.00	100,240.78
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y.	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS	0.00	0.00	190,232.00
<b>Z</b> 1	Pgm No.(WFO No.) 1720572(0490137)	0.00	0.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	195,254.00
2Y	600305000 (AGRSURA2005W001)	0.00	0.00	515,890.00
2Y	600305000 (AGRSURA2005W001)	0.00	0.00	3,768.00
2Y	600305000 (AGRSURA2005W002)	0.00	0.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-001)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGR980003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	89,986.00
1Y	650102000 (AGRSURA2004S002)		0.00	30,000.00
1Y	650102000 (AGRSURA2004S003)	0.00		
1Y	650102000 (AGRSURA2005S001)	0.00	0.00	93,000.00 30,000.00
1Y	650102000 (AGRSURA2005S004)	0.00	0.00 0.00	5,915.00
1Y .	650102000 (OP AGR00-004)	0.00		
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00 5.033.571.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40).	0.00	0.00	59,638,287.00

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Fund Type	B&R Code	Change .	FY06	To Date
WA	AT5015033	0.00	0.00	F 000 00
TF	CS502000	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,244.00
FG	CS502000 (EQU)	0.00	0.00	145,500.00
TC	DP0817020	0.00	0.00	113,388.00
YA	EB550000	0.00	0.00	954,954.00
YA	EB5501000	0.00	0.00	0.00
YΑ	EB5502000	0.00	0.00	338,879.00
HA	EL1703000 (OPFWP #EL17039)	0.00		104,391.00
HA	EL1703010	0.00	0.00	24,403.00
TE	EW09MM090	0.00	0.00	0.00
·WA	FS1001000	300,000.00	0.00	50,000.00
WA ·	FS1001100	0.00	300,000.00	2,534,374.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	20,000.00	0.00	0.00
WA	FS1002000 (GPP)		20,000.00	615,626.00
WA	FS1002300	0.00	0.00	300,000.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	0.00	0.00
WA	FS1005100	100,000.00	100,000.00	1,469,500.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	0.00	0.00
WA	FS1009300	13,000.00	13,000.00	328,000.00
W	FS1001000	0.00	0.00	0.00
WV	FS1001100	0.00	0.00	145,773.00
ŴV	FS1001500	0.00	0.00	0.00
wv	FS1002000	0.00	0.00	0.00
WV	FS1002400	0.00	0.00	81,000.00
W	FS1009000	. 0.00	0.00	0.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	0.00
WA	KA1401040	0.00	0.00	644,310.00
WA	KA1501020	0.00	0.00	25,000.00
WA		0.00	0.00	25,000.00
	KA1502020	50,000.00	50,000.00	50,000.00
WA	KA1502030	0.00	0.00	35,000.00
	KA1502030 (EQU)	0.00	0.00	90,000.00
	KC0204018	0.00	0.00	11,943.00
	KC0301030	0.00	0.00	182,982.00
	KG0801000	0.00	0.00	337,800.00
	KJ0101030	0.00	0.00	155,000,00
	KJ0102000	0.00	0.00	1,554,346.00
	KJ0102000 (EQU)	0.00	0.00	44,745.00
	KJ0200000	0.00	0.00	534,909.00
	KL0101000	0.00	0.00	122,618.00
	KL0101000 (SULI)	0.00	0.00	821,350.00
	KL0103000 (PST)	0.00	0.00	40,000.00
	KL0201000 (LSTPD)	0.00	0.00	409,920.00
	KP1104010	0.00	0.00	13,000.00
	KP1401030	50,000.00	50,000.00	3,083,000.00
	KP1401030 (EQU)	0.00	0.00	1,000,000.00
	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
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Fund Type	B&R Code	Change	FY06	To Date
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
. WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	107,995.00
SA	WN0219080	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	0.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	0.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	0.00	114,000.00
	TOTAL	\$12,111,155.34	\$12,111,155.34	\$1,516,930,419.86